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EXPENDITURES FOR TRAVEL

FROM WASHINGTON TO POINTS OUTSIDE OF THE
DISTRICT OF COLUMBIA
PERFORMED BY CERTAIN OFFICERS
AND EMPLOYEES OF THE

DEPARTMENT OF AGRICULTURE

DURING THE FISCAL YEAR

ENDED JUNE 30

1909

PREPARED UNDER THE DIRECTION OF THE SECRETARY OF AGRICULTURE

By A. ZAPPONE

CHIEF OF THE DIVISION OF ACCOUNTS AND DISBURSEMENTS

DECEMBER 6, 1909.—Referred to the Committee on Expenditures in the
Department of Agriculture and ordered to be printed

WASHINGTON
GOVERNMENT PRINTING OFFICE
1909

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LETTER OF TRANSMITTAL.

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
WASHINGTON, D. C., *December 6, 1909.*

SIR: As required by the act approved May 22, 1908 (Stat. L., 35, 244), I have the honor to transmit herewith a statement showing in detail the travel, from Washington to points outside of the District of Columbia, performed by officers and employees (other than special agents, inspectors, and employees who in the discharge of their regular duties are required to constantly travel) of the Department of Agriculture during the fiscal year 1909.

A copy of this report has also been transmitted to the President of the Senate.

Very respectfully,

JAMES WILSON,
Secretary.

THE SPEAKER OF THE HOUSE OF REPRESENTATIVES.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, together with their official titles, destination or destinations of such travel, the business or work on account of which the same was made, and the total expense to the United States charged in each case. (35 Stat. L., p. 244.)

OFFICE OF THE SECRETARY.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Boyle, C. W.	Law clerk.	Chicago, Ill., and St. Louis, Mo. (July 9-19, 1908.)	Attending to legal matters pertaining to Bureau of Animal Industry.	\$96.75	General expenses, B. A. I., 1909.
Bureh, S. R.	Chief clerk of department.	Chicago, Ill.; Denver, Colo.; Kansas City and Olathe, Kans. (Sept. 3-Nov. 5, 1908.)	Investigating the office work and system of accounting in the field service of the Bureau of Animal Industry.	124.65	Do.
Fegan, H. J.	Clerk, class 3.	Kansas City, Mo. (Feb. 25-Mar. 7, 1909.)	Attending trial of alleged violations of twenty-eight-hour law.	111.67	Do.
Gates, O. H.	Law clerk.	New York, N. Y. (Dec. 10-16, 1908.)	Obtaining information relative to violations of meat inspection regulations.	45.00	Meat inspection, B. A. I., 1909.
Do.	do.	Little Rock, Ark. (Feb. 14-20, 1909.)	Representing the department involving the illegal transportation of live stock.	88.50	General expenses, B. A. I., 1909.
Godling, Harry.	Clerk.	Danville, Pa., and Buffalo, N. Y. (Nov. 28-Dec. 11, 1908.)	Detailed for office work in connection with the eradication of foot-and-mouth disease.	92.59	Do.
Hays, W. M.	Assistant Secretary of Agriculture.	Minneapolis, Duluth, St. Paul, Minn.; Chicago, Ill.; Mountain Lake Park, Md.; Benwood, W. Va. (July 1-Aug. 10, 1908.) (Continuation of trip begun in fiscal year 1908.)	Preparing publications for the department on plant breeding and farm management.	123.80	Contingent expenses, Department of Agriculture, 1909.
Do.	do.	New York, N. Y. (Two trips.) (Aug. 25-30, 1908.)	In connection with the work of the department and experiment stations.	44.60	Do.
Do.	do.	Cockeysville, Riceville, Baltimore, Md. (Sept. 18-19, 1908.)	To deliver an address at an agricultural meeting near Cockeysville, Md.	13.19	Do.
Do.	do.	Charlotte, N. C.; Atlanta, Athens, Lula, Madison, Powder Springs, Carrollton, Buckham, Rome, Ga. (Nov. 4-11, 1908.)	Visiting the high schools and experiment stations of Georgia.	52.13	Do.
Do.	do.	New York, N. Y.; Springfield, Mass.; Manassas, Va. (Nov. 12-14, 1908.)	Delivering addresses on agriculture at Springfield and Manassas.	25.55	Do.
Do.	do.	Newport News, Old Point Comfort, Va. (Nov. 24-26, 1908.)	Delivering addresses before educational institutions.	11.45	Do.
Do.	do.	Chicago, Ill.; Altoona, Pa. (Dec. 3-10, 1908.)	Attending live-stock show in Chicago and state grain convention at Altoona.	88.58	Do.
Do.	do.	Chicago, Centralia, Ill. (Jan. 5-11, 1909.)	To attend meeting of the American Breeders' Association.	93.85	Do.
Do.	do.	Harrisburg, Pa.; Chicago, Ill.; St. Paul, Minneapolis, Minn.; Fargo, N. Dak. (Jan. 19-26, 1909.)	To deliver address on agriculture at Fargo.	99.41	Do.
Do.	do.	Chicago, Ottawa, Champaign, Ill. (Feb. 3-8, 1909.)	To deliver an address on agriculture at Ottawa.	65.23	Do.

Do.....	do.....	Elizabeth, N. J.; Hagerstown, Md.; Harpers Ferry, W. Va.; Winchester, Va. (May 19-20, 1909.)	To deliver an address on agriculture at Elizabeth and on high schools at Middletown, Va.	18.58	Do.
Do.....	do.....	Chicago, Ill.; Kansas City, Kans.; Guthrie, Stillwater, Falls, Muskogee, Okla.; Fayetteville, Ark.; St. Louis, Mo. (May 28-June 6, 1909.)	To deliver addresses on agriculture in Oklahoma, and to visit state experiment stations.	90.25	Do.
Jones, W. P.....	Clerk.....	Indianapolis, Ind.; Harrisburg, Allentown, Pa. (Feb. 8-12, 1909.)	To investigate the misconduct of an employee engaged on meat-inspection work. On business connected with the enforcement of the food and drugs act.	65.27	Meat inspection, B. A. I., 1909.
Do.....	do.....	New York, N. Y. (Apr. 18-21, 1909.)	Legal work in connection with location of glass weather map.	30.60	Laboratory, Department of Agriculture, 1909.
Do.....	do.....	Atlantic City, N. J. (May 22-24, 1909.)	On business connected with the enforcement of the food and drugs act.	26.50	General expenses, B. A. I., 1909.
McCabe, Geo. P.....	Solicitor.....	San Francisco, Cal.; St. Paul, Minn.; Seattle, Wash.; Portland, Oreg.; Ogden, Utah, and various points in the Western States. (July 18-Sept. 18, 1908.)	On business connected with the enforcement of the food and drugs act.	274.00	Weather Bureau, 1909.
Do.....	do.....	Chicago, Ill. (Sept. 28-Oct. 2, 1908.)	do.....		Laboratory, Department of Agriculture, 1909.
Do.....	do.....	New York, N. Y. (Jan. 12-13, 1909.)	To carry out special instructions of the Secretary on work of the department.	77.40	Contingent expenses, Department of Agriculture, 1909.
Do.....	do.....	Pittsburg, Pa. (May 16-17, 1909.)	Enforcement of meat-inspection regulations.	17.50	Meat inspection, B. A. I., 1909.
Do.....	do.....	St. Louis, Mo. (June 13-23, 1909.)	To investigate charges made by Bureau of Animal Industry employee.	24.05	Do.
Mowry, H. H.....	Private secretary to Assistant Secretary.	St. Paul, Minneapolis, Minn. (July 1-18, 1908.) (Continuation of trip begun in fiscal year 1908.)	Assisting Assistant Secretary in preparation of bulletin of cooperative work at Minnesota Experiment Station.	92.45	Contingent expenses, Department of Agriculture, 1909.
Williams, R. W., Jr.....	Law clerk.....	Little Rock, Ark. (Nov. 18-22, 1908.)	To assist in the prosecution of a case under the food and drugs act.	43.05	Laboratory, Department of Agriculture, 1909.
Do.....	do.....	Kansas City, St. Louis, Mo. (Jan. 12-18, 1909.)	In connection with trial of violations of twenty-eight hour law.	78.95	General expenses, B. A. I., 1909.
Do.....	do.....	Parkersburg and other points in West Virginia. (Apr. 5-9, 1909.)	To assist United States attorney, at his request, in the trial of the U. S. v. 65 casks of danderine.	83.25	Laboratory, Department of Agriculture, 1909.
Wilson, James.....	Secretary of Agriculture.	Chicago, Ill.; Ames, Iowa; Denver, Colorado Springs; Leadville, Glenwood, Colo.; Salt Lake City, Utah; Laramie, Wyo.; Greeley, Fort Collins, Colo.; Edgemont, Deadwood, S. Dak. (July 3-Aug. 22, 1908.)	Personal inspection of forest reserves.	38.50	Contingent expenses, Department of Agriculture, 1909.
Do.....	do.....	Detroit, Mich. (Nov. 24-27, 1908.)	Investigating outbreak of foot-and-mouth disease.	453.07	General expenses, B. A. I., 1909.
Do.....	do.....	Chicago, Ill. (May 8-19, 1909.)	Attending bureau's convention of veterinary inspectors engaged in meat inspection.	56.80	Meat inspection, B. A. I., 1909.
Wilson, Jasper.....	Private secretary to Secretary of Agriculture.	Deadwood, S. Dak.; Chicago, Ill.; Cincinnati, Ohio; Lexington, Ky. (July 18-Aug. 16, 1908.)	Accompanying Secretary of Agriculture in his personal inspection of the forest reserves.	55.90	Contingent expenses, Department of Agriculture, 1909.
				242.70	

EXPENDITURES FOR TRAVEL,

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

WEATHER BUREAU.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Abbe, Cleveland.....	Professor of meteorology.	Canton, Syracuse, and New York, N. Y.; New Haven, Conn.; Pittsfield and Williamstown, Mass.; Philadelphia and Strathmore, Pa.; Plainfield and Princeton, N. J.; and Baltimore, Md. (Oct. 9–Nov. 20, 1908.)	Arranging cooperation between Weather Bureau and St. Lawrence University and consulting with investigators of meteor trails in relation to the study of the upper atmosphere.	\$72.09	General expenses, Weather Bureau, 1909.
Beuter, Sophia A.....	Clerk, class 3.....	Rockville, Md. (Aug. 12–Oct. 3, 1908, and Apr. 10 and 15, 1909.)	Special clerical and stenographic work.....	15.50	Do.
Bigelow, Frank H.....	Professor of meteorology.	Points in California, Colorado, Idaho, Montana, Nevada, Oregon, Wyoming, and Washington. (July 1–Sept. 4, 1908.)	Climatological investigations relative to the establishment of mountain snowfall stations in the semiarid region and the relation between precipitation and evaporation.....	503.24	Do.
Do.....	do.....	Albany, N. Y.; Boston, Mass.; Birmingham, Ala.; Atlanta, Ga.; Cincinnati, Ohio; Chicago, Ill.; and points in Arizona, California, New Mexico, and Texas. (Sept. 14–Oct. 24, 1908.)	do.....	415.79	Do.
Do.....	do.....	Atlanta, Ga.; Birmingham, Ala.; New Orleans, La.; Galveston and Houston, Tex.; and points in Arizona and California. (May 3–June 30, 1909.)	Investigations relative to the relation between precipitation and evaporation; climatological investigations; reorganization of climatological service.	329.20	Do.
Church, John P.....	Chief of division.....	New York, N. Y. (Feb. 18–20, 1909).....	To inspect engraving for Monthly Weather Review chart base; select lithographic stones; and to inspect new parts for presses in Weather Bureau printing office.	20.25	Do.
Claveloux, F. A.....	Skilled mechanic.....	Rockville, Md. (Apr. 8, 12, and 17, 1909.)	To assist in installing special instrument shelter and instruments.	2.00	Do.
Cooper, Robert S.....	Composer.....	Pittsburg, Pa. (Apr. 5–29, 1909).....	Temporary assignment pending the filling of vacancy in position of printer.	58.60	Do.
Frankenfield, Harry C.....	Professor of meteorology.	Romney, W. Va.; Cumberland, Md. (July 25–28, 1908.)	To inspect Potomac River district in connection with river and flood work.	18.98	Do.
Do.....	do.....	St. Louis, Mo.; Little Rock, Ark.; Fort Smith, Ark.; and points in North Dakota, Montana, Utah, Colorado, Kansas, and Oklahoma. (Sept. 1–Oct. 1, 1908.)	To consult with officials relative to improving river forecasts and to inspect the river districts in the territory visited.	318.35	Do.

Do.....	do.....	Atlanta, Ga. (Oct. 3-7, 1908)	To answer summons of United States court as witness in a case concerning the Weather Bureau.	57.65	Do.
Do.....	do.....	Philadelphia, Pa.; Louisville, Ky.; Evansville, Ind.; Paducah, Ky.; Cairo, Ill.; Memphis, Tenn.; and St. Louis, Mo. (Mar. 5-19, 1909.)	To consult with officials relative to improving river forecasts and to inspect river districts in territory visited.	145.35	Do.
Do.....	do.....	Reading, Pa.; Philadelphia, N. J.; Corning, N. Y.; Scranton, Pa.; Wilkes-Barre, Pa.; and Philadelphia, Pa. (June 6-13, 1909.)	To consult with officials relative to opening new river station and to inspect river districts in territory visited.	31.45	Do.
Garriott, Edward B.	do.....	St. Louis, Mo.; Chicago, Ill. (Nov. 24, 1908-Feb. 3, 1909.)	Temporary charge of station and special forecast duty at Chicago and to consult with official at St. Louis relative to automatic press for printing forecast cards.	271.70	Do.
Haynes, John M.	Skilled artisan.	Rockville, Md. (Apr. 17, 1909)	To assist in erecting special instrument shelter.	1.00	Do.
Hobbs, Hermann E.	Clerk, class 1.	Mt. Weather, Va. (Aug. 17-20, 1908)	To repair telegraph and telephone cable.	4.50	Do.
Do.....	do.....	Cumberland, Md. (Aug. 24-26, 1908)	To superintendent removal of river gauge.	12.03	Do.
Hutchinson, James E.	Compositor.	Philadelphia, Pa. (June 12-30, 1909)	Special duty in connection with operation of monotype machine for the Weather Bureau printing office.	28.33	Do.
Jones, J. H.	Clerk, class 4.	Rockville, Md. (Dec. 2, 1908)	To arrange for display of weather bulletins and maps.	1.00	Do.
King, Thomas H.	Assistant foreman of division.	Philadelphia, Pa.; New York, N. Y.; and Boston, Mass. (Sept. 3-6, 1908, and Nov. 2, 1908.)	To investigate the operation of a Harris rapid printing press in connection with its adaptability for the Weather Bureau printing office.	35.10	Do.
Do.....	do.....	New York, N. Y. (Apr. 20-21, 1909)	To inspect lithographic stones.	15.55	Do.
Larcombe, Benjamin F.	do.....	Philadelphia, Pa. (Mar. 20, 1909)	To inspect monotype machine, preliminary to purchase for the Weather Bureau printing office.	6.00	Do.
Lucas, John H.	Skilled artisan.	Rockville, Md. (Apr. 15, 16, and 19, 1909.)	To paint special instrument shelter.	3.15	Do.
McCallum, D.	Compositor.	Pittsburg, Pa. (Oct. 23-Nov. 22, 1908)	Temporary assignment pending the filling of vacancy in position of printer.	66.70	Do.
Maring, Delos T.	Clerk, class 4.	Hartford, Conn., and New York, N. Y. (Sept. 1-19, 1908.)	To install self-recording river gauge at Hartford and to improve the exposure of the wind instruments of the local Weather Bureau office.	65.05	Do.
Marvin, Charles S.	Professor of meteorology.	Pittsburg, Pa., and Rochester, N. Y. (Oct. 30-Nov. 14, 1908.)	To install seismograph and special barograph.	46.25	Do.
Do.....	do.....	Baltimore, Md. (Oct. 29, Nov. 19, Dec. 1, and Dec. 30, 1908.)	To supervise the construction of special instrument shelter and apparatus.	11.30	Do.
Do.....	do.....	Philadelphia, Pa.; New York, N. Y.; and New Haven, Conn. (Feb. 19-27, 1909.)	To consult with the manufacturers of special instruments being made for the Weather Bureau, and to deliver address at Columbia University.	59.45	Do.
Do.....	do.....	Rockville, Md., Mar. 1, 2, 8, 16, 25, 31, 1909.)	To supervise the erection of special instrument shelter and installation of instruments.	6.60	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

WEATHER BUREAU—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Marvin, Charles S.	Professor of meteorology.	Philadelphia, Pa.; Cape May, N. J.; New York, N. Y.; and Boston, Mass. (May 16-22, 1909.)	To deliver and install kiosk thermometers, to select new office quarters in New York, and to consult with manufacturers of evaporation apparatus.	\$49.35	General expenses, Weather Bureau, 1909.
Moore, Willis L.	Chief of bureau.	New York, N. Y. (Oct. 29-Nov. 3, 1908.)	To consult with officials of New York Aeronautical Society and arrange for special observations at their experimental grounds.	34.80	Do.
Do.	do.	New York, N. Y. (Dec. 17-20, 24 and 25, 1908.) Richmond, Va. (Dec. 28, 1908.)	To consult with officials of the Western Union Telegraph Company relative to the proposed extension of the Weather Bureau telegraph service and to negotiate lower rates therefor. (New York, N. Y.) To select site for Weather Bureau building. (Richmond, Va.)	78.05	Do.
Do.	do.	New York, N. Y. (Jan. 9-12, 1909)	To consult with officials relative to the matter of continuing the Weather Bureau sub-station at Brooklyn.	43.05	Do.
Do.	do.	New York, N. Y. (Feb. 2-3, 1909)	To attend lecture by Prof. A. P. Brigham at Columbia University with the view of securing material to be published for the benefit of Weather Bureau observers.	25.90	Do.
Do.	do.	Philadelphia, Pa., and New York, N. Y. (Feb. 22-24, 1909.)	To address Sagamore Club at Philadelphia on the work of the Weather Bureau and to attend sessions at the Columbia University, New York, relating to the measuring and recording of earth vibrations.	32.85	Do.
Do.	do.	New York, N. Y. (Apr. 26-28, 1909) ..	To inspect proposed new office quarters and confer with official in charge.	32.90	Do.
Do.	do.	New York, N. Y., Paris, France, and London, England. (June 7-30, 1909.)	To attend meeting of International Com-mittees on Weather Telegraphy and Weather Signals, and to investigate foreign weather services.	489.70	Do.
Robinson, J. H.	Chief of division.	Charlevoix and Traverse City, Mich., Buffalo, N. Y., and Warren, Pa. (Sept. 2-28, 1908.)	To superintend repairs to Beaver Island cable, and to secure material in connection therewith.	101.57	Do.
Do.	do.	New Orleans, La., San Francisco, Cal., and Pittsburg, Pa. (Feb. 17-Mar. 28, 1909.)	To examine disabled government cable between Point Reyes Light and southeast Farallon, and report on the advisability of its repair and to consult with officials at the other points named relative to tele-graph service.	331.15	Do.

Talman, Charles F.....	Librarian.....	New York, N. Y., Naples, Rome, Italy, and London, England. (May 15-June 30, 1909.)	To consult with officials of foreign weather services cooperating with the United States Weather Bureau and to attend the meeting of the International Committees on Weather Telegraphy and Weather Signals.	296.86	Do.
BUREAU OF ANIMAL INDUSTRY.					
Abel, Joseph.....	Clerk.....	New York, N. Y., and Philadelphia, Pa. (Sept. 17-21, 1908.)	Making photographs of export animals.....	\$25.40	General expenses, B. A. I., 1909.
Do.....	do.....	Chicago, Ill. (Jan. 23-Feb. 1, 1909.)	Making photographs illustrating work of the bureau.	85.78	Meat inspection, B. A. I., 1909.
Ayers, S. H.....	Dairyman.....	Albert Lea, Minn.; Boston, Mass., and Baltimore, Md. (July 1, 1908-Jan. 2, 1909.)	Detailed Albert Lea for laboratory work; Boston, pasteurization of milk; Baltimore, attend. meeting of American Society of Bacteriologists.	214.37	General expenses, B. A. I., 1909.
Do.....	do.....	Boston, Mass., and New York, N. Y. (Jan. 3-Mar. 30, 1909.)	Pasteurization of milk.....	279.87	Do.
Do.....	do.....	Boston, Mass., and Atlantic City, N. J. (May 28-June 30, 1909.)	Pasteurization of milk at Boston and attend meeting of American Association of Medical Milk Commissioners at Atlantic City.	76.99	Do.
Behnke, A. E.....	Associate chief, Inspection Division.	Chicago, Peoria, Jacksonsville, Alton, Quincy, National Stock Yards, Ill.; St. Louis, South St. Joseph, Mo.; Fort Madison, Burlington, Davenport, Cedar Rapids, Des Moines, Mason City, Sioux City, Iowa, South Omaha, Nebr. (Aug. 20-Dec. 18, 1908.)	Observation of packing-house conditions and condition of the meat-inspection service.	393.36	Meat inspection, B. A. I., 1909.
Do.....	do.....	Chicago, Ill., points in Iowa, Nebraska, and Wisconsin. (May 8-26, 1909.)	Attend bureau meeting of veterinary inspectors at Chicago and observe condition of the meat-inspection service at other points.	156.44	Do.
Do.....	do.....	St. Louis, Mo. (June 11-27, 1909).	Investigate charges made by employee.....	124.90	Do.
Bell, G. Arthur.....	Assistant animal husbandman.	New Orleans, La. (Aug. 11-17, 1908.)	Observe results of the feeding of steers in cooperation with the Alabama Experiment Station.	82.75	General expenses, B. A. I. (animal breeding and feeding), 1909.
Do.....	do.....	Hamline, Minn.; Milwaukee, Wis.; White River Junction, Vt.; Springfield, Ill., and Sedalia, Mo. (Aug. 30-Oct. 10, 1908.)	Attend state fairs, to observe classes offered for American carriage horses.	299.40	General expenses, B. A. I., 1909.
Do.....	do.....	New York, N. Y. (Nov. 8-13, 1908).	Attend national horse show.....	39.00	Do.
Do.....	do.....	Chicago, Ill.; Fort Collins, Colo., and Laramie, Wyo. (Nov. 27-Dec. 17, 1908.)	Attend International Live Stock Exposition, Chicago: inspect cooperative horse-breeding work Fort Collins, Colo., and inspect cooperative range sheep-breeding experiments, Laramie.	210.60	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Bell, G. Arthur.....	(Assistant animal husbandman.	Middleburg, Vt., and New York, N. Y. (Dec. 29, 1908-Jan. 1, 1909.)	Inspect pneumatic water system, Middleburg; attend New York poultry show.	\$24.85	General expenses, B. A. I., 1909.
Do.....	do.....	Lansing, Mich. (Jan. 11-14, 1909)....	Attend meeting of the Michigan State Association of Breeders and Feeders of Improved Live Stock.	3.70	General expenses (animal breeding and feeding), 1909.
Do.....	do.....	New York, N. Y. (Feb. 1-4, 1909)....	Attend sale of Fagin-Tipton Co., and observe such animals suited to the production of carriage horses.	56.50	General expenses, B. A. I., 1909.
Do.....	do.....	Points in North and South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Tennessee, Kentucky, Virginia, and West Virginia. (Mar. 23-May 17, 1909.)	Attend sale of Fagin-Tipton Co., and observe such animals suited to the production of carriage horses.	23.95	Do.
Berg, Wm. N.....	Junior dairyman.....	Buffalo, N. Y. (Nov. 30, 1908-Apr. 1, 1909.)	To study the cattle industry of the States mentioned; inspect cooperative work in animal husbandry.	405.73	General expenses B. A. I. (animal breeding and feeding), 1909.
Bingman, Harry.....	Clerk.....	Points in Rappahannock County, Va. (July 10-11, 1908.)	Laboratory work in connection with dairy products investigations.	130.73	General expenses, B. A. I., 1909.
Buckley, J. S.....	Assistant in pathology.....	Points in the State of Louisiana. (July 30-Aug. 17, 1908.)	Detailed for work in connection with eradication of foot-and-mouth disease.	316.08	Do.
Do.....	do.....	Wilmington, Del. (Oct. 29-30, 1908)...	Investigate a disease in sheep.....	2.85	Do.
Do.....	do.....	Points in Maryland and Virginia. (Nov. 28-Dec. 21, 1908.)	Investigate a disease in animals.....	144.30	Do.
Do.....	do.....	Gordonsville, Va. (Apr. 1-2, 1909)....	Investigate a reported outbreak of disease among cattle.	8.95	Do.
Do.....	do.....	Lebanon, Ky., and vicinity. (Apr. 11-23, 1909.)	Investigate reported outbreak of glanders in mules and horses.	99.99	Do.
Do.....	do.....	Points in Colorado, Idaho, and Wyoming. (May 12-June 30, 1909.)	Investigating diseases of animals.....	6.80	Do.
Burch, D. S.....	Junior dairyman.....	Points in South Dakota, Michigan, Illinois (July 1-Sept. 16, 1908.)	Dairy manufacturing investigations.....	92.39	Do.
Carroll, C. C.....	Chief clerk of bureau.....	Chicago, Ill. (May 8-13, 1909).....	Stenographer of the bureau's convention of government veterinary inspectors on meat inspection.	238.30	Do.
Cave, Roy A.....	Herd-book assistant.....	Louisville, Ky. (Sept. 13-18, 1908)....	Attend Kentucky state fair to observe classes provided for American carriage horses.	307.16	Do.
				67.50	Meat inspection, B. A. I., 1909.
				21.90	General expenses, B. A. I., 1909.

Do.....	do.....	Middleburg and Brattleboro, Vt. (Sept. 25-Oct. 2, 1908.)	Inspect Morgan horse farm and attend valley fair.	46.29	Do.
Do.....	do.....	Chicago, Ill. (Nov. 27-Dec. 11, 1908.)	Attend International Live Stock Exposition.	112.05	Do.
Do.....	do.....	Columbus, Ohio, and points in Illinois, Wisconsin, and Minnesota. (Apr. 1-12, 1909.)	Investigate alleged irregularities in the registration of Percheron horses.	115.58	Do.
Do.....	do.....	Points in Illinois. (May 30-June 22, 1909.)	Investigate management of Percheron Stud-book of America.	160.58	Do.
Chapin, R. M.....	Assistant chemist.....	New York, N. Y. (Oct. 28-31, 1908.)	Investigate process of rendering tallow, etc.	24.43	Meat inspection, B. A. I., 1909.
Do.....	do.....	Philadelphia, Pa. (Nov. 20-25, 1908.)	In connection with eradication of foot-and-mouth disease.	42.81	General expenses, B. A. I., 1909.
Chase, J. L.....	Temporary field disbursing clerk.....	Points in Pennsylvania, New York, and Michigan. (Dec. 14, 1908-Mar. 20, 1909.)	Paying salaries of employees engaged in eradication of foot-and-mouth disease.	551.57	Do.
Do.....	do.....	Lancaster, Pa. (Apr. 9-12, 1909.)	Adjust claims for property destroyed to prevent spread of foot-and-mouth disease.	16.82	Do.
Do.....	do.....	Harrisburg, Pa. (May 27-29, 1909.)	Do.....	15.47	Do.
Cohran, J. R.....	Clerk.....	Danville, Pa. (Nov. 11, 1908-Jan. 31, 1909.)	Detailed for office work in eradication of foot-and-mouth disease.	283.17	Do.
Conover, J. A.....	Scientific assistant in dairying.....	Points in North Carolina, South Carolina, Georgia, and Alabama. (July 1-Aug. 31, 1908.)	In connection with southern dairy farm investigations.	227.59	Do.
Davis, B. J.....	Laboratory helper.....	Albert Lea, Minn. (July 1-Oct. 21, 1908.)	Detailed for laboratory work.....	42.10	Do.
Dexter, W. H.....	Assistant dairyman.....	Ithaca, N. Y. (July 20-25, 1908.)	Market milk investigations.....	31.29	Do.
Do.....	do.....	Chicago, Ill. (Dec. 3-10, 1908.)	Dairy farm investigations.....	74.74	Do.
Dorman, J. E.....	Dairyman.....	Points in North Carolina, South Carolina, and Alabama. (May 1-June 30, 1909.)	Erecting experimental silos.....	127.20	Do.
Dorset, M.....	Chief of Biochemic Division.....	Ames, Iowa, and Chicago, Ill. (July 18-26, 1908.)	Ames, Iowa, hog cholera investigations; Chicago, inspect laboratory work.	77.75	Do.
Do.....	do.....	Ames, Iowa; South Omaha, Neb.; Kansas City and Chicago. (Oct. 10-22, 1908.)	Ames, Iowa, hog cholera investigations; other points to inspect laboratory work.	7.13	Meat inspection, B. A. I., 1909.
Do.....	do.....	Philadelphia, Pa. (Sept. 8-12, 1908.)	Attend meeting of American Veterinary Medical Association.	75.35	Do.
Fitchorn, A.....	Bacteriologist.....	New York, N. Y. (Nov. 5-11, 1908.)	Install bureau's tuberculosis exhibit.....	39.45	General expenses, B. A. I., 1909.
Do.....	do.....	Points in New York, Michigan, and Ohio. (Nov. 13-Dec. 23, 1908.)	Install bureau's tuberculosis exhibit.....	7.70	Do.
Do.....	do.....	Philadelphia, Pa. (Feb. 9-14, 1909.)	Eradication of foot-and-mouth disease.....	43.70	Meat inspection, B. A. I., 1909.
Do.....	do.....	Mount Jackson, Va. (Feb. 19-20, 1909.)	Investigate reported outbreak foot-and-mouth disease.	328.77	General expenses, B. A. I., 1909.
Do.....	do.....	Philadelphia, Pa. (Mar. 16-17, 1909.)	Packing bureau's tuberculosis exhibit.....	40.86	Meat inspection, B. A. I., 1909.
Do.....	do.....	Philadelphia, Pa. (Mar. 23-24, 1909.)	Examine calves used for experimental work.	15.50	General expenses, B. A. I., 1909.
Do.....	do.....	Norfolk, Va. (May 10-12, 1909.)	Examination of meat supplied to Navy Department.	16.20	Meat inspection, B. A. I., 1909.
Do.....	do.....			15.58	General expenses, B. A. I., 1909.
Do.....	do.....			14.05	Meat inspection, B. A. I., 1909.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Emery, J. A.	Senior biochemist.	Chicago, Ill. (Mar. 27-May 2, 1909)...	Investigation of method used in preparing commercial extracts of meat.	\$190.25	Meat inspection, B. A. I., 1909.
Farrington, A. M.	Assistant chief of bureau.	Mackinaw City, Mich. (July 30-Aug. 10, 1908.)	Attend convention of Association of State and National Food and Dairy Departments.	90.30	Do.
Do.	do.	Philadelphia, Pa. (Sept. 7-11, 1908)	Attend meeting of American Veterinary Medical Association.	23.30	Do.
Do.	do.	Columbus, Cincinnati, Ohio; Indianapolis, Ind.; Chicago, Ill.; Grand Rapids, Mich.; Kansas City, Manhattan, Kans.; Denver, Colo.; Ogden, Utah; San Francisco, Cal.; Spokane, Wash.; Des Moines, Iowa; Toronto, Canada; Ithaca, N. Y., and Philadelphia, Pa. (Mar. 16-Apr. 24, 1909.)	Veterinary education: Examination of facilities of veterinary colleges.	410.69	Do.
Formad, R. J.	Scientific assistant, animal pathology.	Points in Montana. (Aug. 30-Sept. 19, 1908.)	Investigation of swamp fever and forage poisoning.	230.45	General expenses, B. A. I., 1909.
Do.	do.	Binghamton, N. Y. (June 8-11, 1909).	Give evidence in bobveal case.	29.20	Meat inspection, B. A. I., 1909.
Fravel, F. R.	Clerk.	Pittsburg, Pa. (May 2-6, 1909).	Prosecution for violation of quarantine laws.	31.25	General expenses, B. A. I., 1909.
Do.	do.	Rochester, N. Y. (May 10-14, 1909)...	In connection with foot-and-mouth disease.	34.20	Do.
Frickey, I.	do.	Detroit, Mich. (Nov. 30, 1908-Mar. 20, 1909.)	Detailed for office work in connection with eradication of foot-and-mouth disease.	496.47	Do.
Graybill, H. W.	Scientific assistant, zoology.	Wheeling, W. Va. (Sept. 9-13, 1908).	Investigation internal parasites in sheep.	26.60	Do.
Do.	do.	Baltimore, Md. (Dec. 23, 1908-Jan. 1, 1909.)	Attend meeting of American Association for Advancement of Science.	2.35	Do.
Hart, George H.	Assistant in pathology and bacteriology.	Points in Tennessee and New Mexico. (Aug. 31-Oct. 23, 1908.)	Investigating milk sickness and alkali poisoning of animals.	409.73	Do.
Hassall, Albert.	Assistant zoologist.	Points in Maryland and Virginia. (Dec. 5-11, 1908).	Investigating reported outbreaks of foot-and-mouth disease.	18.30	Do.
Do.	do.	Strasburg, Va. (May 7.) Falls Church (June 11, 1908.)	Investigating reported outbreak of contagious disease among cattle.	1.90	Do.
Hastings, M. M.	Scientific assistant, animal husbandry.	Points in Kansas, Missouri, Nebraska, Indiana, Ohio, and Virginia. (July 1-Aug. 5, 1908.)	Investigating the marketing and storing of eggs and poultry in the United States.	159.15	Do.
Do.	do.	Points in Pennsylvania, New York, Massachusetts, Connecticut, and New Jersey. (Oct. 15-Dec. 1, 1908.)	do.	256.46	Do.

Do.....	Points in Tennessee. (Dec. 3-25, 1908.)	To speak on the raising of poultry.....	113.67	Do.
Hickman, R. W.....	Chief, quarantine division.	In connection with the import and export of live stock and quarantine work, and attend conference of state officials of New Jersey regarding the testing of cattle with tuberculin.	19.77	Do.
Do.....	Points in New York and Michigan. (Aug. 19-29, 1908.)	Inspection of quarantine work.....	96.32	Do.
Do.....	Philadelphia, Pa. (Sept. 9-10, 1908.)	Attend meeting of American Veterinary Medical Association.	16.10	Do.
Do.....	Points in Pennsylvania. (Nov. 19-27, 1908.)	Eradication of foot-and-mouth disease.....	29.96	Do.
Do.....	Points in Maryland. (1 trip Dec. 6, 1908; 1 trip Dec. 10, 1908.)	do.....	7.31	Do.
Do.....	Columbus, Ohio, and Athens, N. J. (Feb. 16-19, 1909.)	Columbus, to attend meeting of state live-stock association; Athens, to investigate work of quarantine station.	50.45	Do.
Do.....	Halethorp, Md. (Feb. 27, 1909.)	Inspection work of quarantine station.....	2.55	Do.
Do.....	Columbus, Cincinnati, Ohio; Indianapolis, Ind.; Chicago, Ill.; Grand Rapids, Mich.; Kansas City, Manhattan, Kans.; Denver, Colo.; Ogden, Utah; San Francisco, Cal.; Spokan, Wash.; Des Moines, Iowa; Toronto, Canada; Ithaca, N. Y.; and Philadelphia, Pa. (Mar. 16-Apr. 24, 1909.)	Veterinary education: Examination of facilities of veterinary colleges.	413.49	Meat inspection, B. A. I., 1909.
Hornbaker, J. N.....	Points in Michigan and New York. (Nov. 29-Dec. 5, 1908.)	Eradication of foot-and-mouth disease.....	60.05	General expenses, B. A. I., 1909.
Johnson, W. T., jr.....	Albert Lea, Minn. (July 1-Oct. 1, 1908.)	Detailed for laboratory work.....	41.80	Do.
Lane, C. B.....	Points in Pennsylvania. (July 20-29, 1908.)	Market-milk investigations.....	60.85	Do.
Do.....	Round Hill, Va., and points in New Jersey. (Aug. 12-29, 1908.)	do.....	30.86	Do.
Do.....	Round Hill, Va. (Sept. 22, 1908.)	do.....	3.25	Do.
Do.....	Pittsburg, Pa. (Oct. 17-22, 1908.)	do.....	35.71	Do.
Do.....	Points in Pennsylvania, Ohio, and Illinois. (Nov. 1-Dec. 11, 1908.)	do.....	175.34	Do.
Do.....	Points in New York and Connecticut. (Jan. 3-30, 1909.)	do.....	68.65	Do.
Do.....	Round Hill, Va. (Feb. 8, 1909.)	do.....	2.70	Do.
Do.....	Lexington, Ky., and Baltimore, Md. (Mar. 6-17, 1909.)	Lexington, laboratory work at meeting of Kentucky Cattle Club; Baltimore, market-milk investigations.	45.50	Do.
Do.....	Chicago and points in Connecticut. (Mar. 31-Apr. 17, 1909.)	Market-milk investigations.....	72.20	Do.
Do.....	Cincinnati, Ohio, Grand Rapids, Mich., and Philadelphia, Pa. (May 2-20, 1909.)	Scoring milk and cream.....	113.80	Do.
Do.....	Atlantic City, N. J. (June 6-8, 1909.)	Market-milk investigations.....	15.05	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
McAdam, Robert.....	Dairy inspector.....	Points in Illinois, California, Oregon, Idaho, Utah, Colorado, New York, and Ohio. (July 1, 1908, to Feb. 28, 1909.)	Dairy manufacturing investigations.....	\$1,203.39	General expenses, B. A. I., 1909.
McBryde, C. N.....	Scientific assistant, bacteriology.	Ames, Iowa, and Chicago, Ill. (July 13-Aug. 2, 1908.)	Ames, hog cholera investigations; Chicago, curing of meat.	{ 38.26 68.38	Do. Meat inspection, B. A. I., 1909.
Do.....	do.....	Christiansburg, Va. (Dec. 5-7, 1908.)	Hog-cholera investigations.....	19.90	General expenses, B. A. I., 1909.
Do.....	do.....	Baltimore, Md. (Mar. 15, 1909.)	Examination of a lot of canned corned beef.	3.20	Meat inspection, B. A. I., 1909.
Do.....	do.....	Chicago, Ill. (Apr. 18-June 11, 1909.)	Investigate cause of the souring of meats.....	253.66	General expenses, B. A. I., 1909.
McKeown, T. H.....	Veterinary inspector.....	Various points in Virginia. (Between Apr. 5-28, 1909; 3 trips.)	Testing cattle for tuberculosis.....	31.50	General expenses, B. A. I., 1909.
Do.....	do.....	Various points in the vicinity of District of Columbia. (May 13-June 30, 1909.)	do.....	53.95	Do.
Mansfield, C. M.....	do.....	Purcellville, Va. (May 24-25, 1909)	do.....	2.15	Do.
Do.....	do.....	Falls Church, Va. (June 7-8, 1909.)	do.....	1.90	Do.
Maynard, L. H. P.....	Assistant dairyman.....	Round Hill, Va., Philadelphia, Pa., Parkersburg, W. Va., Chicago, Ill. (July 1-Dec. 31, 1908.)	Market-milk investigations.....	522.53	Do.
Melvin, A. D.....	Chief of bureau.....	Ames, Iowa. (July 18-24, 1908)	Observe demonstration of hog-cholera serum.	78.55	Do.
Do.....	do.....	Philadelphia, Pa. (Sept. 9-11, 1908.)	Attend meeting of American Veterinary Medical Association.	20.60	Do.
Do.....	do.....	Ames, Iowa, and Chicago, Ill. (Oct. 10-17, 1908.)	Ames, hog-cholera investigations; Chicago, observation of meat-inspection service.	{ 27.05 9.25	Do. Meat inspection, B. A. I., 1909.
Do.....	do.....	Danville, Pa., and Buffalo, N. Y. (Nov. 10-15, 1908.)	Eradication foot-and-mouth disease.....	52.59	General expenses, B. A. I., 1909.
Do.....	do.....	Philadelphia, Pa. (Nov. 22, 1908.)	do.....	10.60	Do.
Do.....	do.....	Buffalo, N. Y., and Detroit, Mich. (Nov. 24-27, 1908.)	do.....	55.17	Do.
Do.....	do.....	Chicago, Ill. (May 8-16, 1909.)	Attend bureau's convention of veterinary inspectors on meat inspection.	69.20	Meat inspection, B. A. I., 1909.
Do.....	do.....	St. Louis, Mo. (June 13-23, 1909.)	Investigate charges made by bureau employee.	130.98	Do.
Do.....	do.....	Middlebury, Vt. (June 29-30, 1909.)	Observe conditions at government farm.....	26.80	General expenses, B. A. I., 1909.
Do.....	do.....	Norfolk, Va. (Oct. 7-9, 1908)	Investigate operations of branch houses where federal inspection is maintained.	11.85	Meat inspection, B. A. I., 1909.
Mink, Wm.....	Meat inspector.....				

Do.....	Do.....	Norfolk, Va. (Nov. 5-7, 1908).....	Investigate the handling of meat and meat food products.....	11. 90	Do.
Do.....	Do.....	Norfolk, Va. (Feb. 16-22, 1909).....	To inspect meat supplies for United States Navy Department.....	24. 60	Do.
Mohler, J. R.....	Chief, Pathological Division.	Points in Colorado, Utah, Wyoming, Nebraska, and Atlantic City, N. J. (July 1-Aug. 16, 1908.)	Western States: Investigation of contagious diseases in cattle; Atlantic City: Attend session of Central Committee of the International Tuberculosis Congress.	402. 71	General expenses, B. A. I., 1909.
Do.....	Do.....	Philadelphia, Pa. (Sept. 7-12, 1908).....	Attend convention of American Veterinary Medical Association.....	31. 85	Do.
Do.....	Do.....	Philadelphia, Pa. (Oct. 20, 1908).....	Milk hygiene and anthrax investigations.....	10. 70	Do.
Do.....	Do.....	Points in Pennsylvania and New York. (Nov. 10-15, 1908.)	Investigate reported outbreak of foot-and-mouth disease.....	48. 74	Do.
Do.....	Do.....	Points in Michigan, New York, and Maryland. (Nov. 29-Dec. 10, 1908.)	Eradication of foot-and-mouth disease.....	83. 45	Do.
Do.....	Do.....	Baltimore, Md., Philadelphia, Pa., and vicinity. (Feb. 1-24, 1909.)	do.....	73. 48	Do.
Do.....	Do.....	Springfield, Ill. (Apr. 19-23, 1909).....	Address meeting on tuberculosis and tuberculin test.....	65. 00	Meat inspection, B. A. I., 1909.
Do.....	Do.....	Chicago, Ill. (May 8-13, 1909).....	Attend bureau's convention of veterinary inspectors on meat inspection.....	69. 25	Do.
Do.....	Do.....	Atlantic City, N. J. (June 5-13, 1909).....	Attend convention of American Association of Milk Commissioners.....	36. 50	General expenses, B. A. I., 1909.
Morse, G. B.....	Assistant pathologist and bacteriologist.	Ithaca, N. Y. (July 22-26, 1908).....	Attend conference of poultry instructors and investigators.....	27. 30	Do.
Do.....	Do.....	Toronto and Guelph, Canada. (Aug. 6-13, 1908.)	Investigating poultry diseases.....	51. 61	Do.
Do.....	Do.....	Points in Pennsylvania. (Nov. 25-Dec. 27, 1908.)	Eradication of foot-and-mouth disease.....	145. 38	Do.
Do.....	Do.....	Baltimore, Md. (Dec. 30, 1908).....	Investigating poultry diseases.....	2. 10	Do.
Do.....	Do.....	Guelph, Canada. (Feb. 6-14, 1909).....	Attend meeting of Poultry Institute of the Province of Ontario.....	60. 81	Do.
Do.....	Do.....	Guelph, Canada. (June 24-29, 1909).....	Investigate infectious diseases of animals.....	26. 58	Do.
Ormsby, A. A.....	Clerk-typewriter.	Buffalo, N. Y. (Dec. 7, 1908-Jan. 12, 1909.)	Detail for office work in connection with the eradication of foot-and-mouth disease.	106. 66	Do.
Parks, G. H.....	Architect.	Athenia, N. J. (Dec. 13-15, 1908).....	Supervising the construction of buildings.....	25. 10	Meat inspection, B. A. I., 1909.
Do.....	Do.....	Paterson, N. J. (Feb. 18-19, 1909).....	do.....	16. 75	Do.
Do.....	Do.....	Points in Illinois and Iowa. (May 8-22, 1909.)	Inspection of official establishments.....	116. 32	Do.
Do.....	Do.....	Cleveland, Ohio. (June 27-30, 1909.)	do.....	23. 35	Do.
Parks, K. E.....	Do.....	Points in Massachusetts, Connecticut, New York, and New Jersey. (Oct. 30-Nov. 10, 1908.)	Dairy farming investigations.....	69. 65	General expenses, B. A. I., 1909.
Do.....	Do.....	Points in Illinois, Wisconsin, Iowa, Ohio, and Pennsylvania. (Dec. 3-16, 1908.)	do.....	117. 15	Do.
Do.....	Do.....	Chicago, Ill. (Feb. 19-22, 1909).....	Attend meeting National Cement Association.....	50. 00	Do.
Do.....	Do.....	Round Hill, Va. (Apr. 2, 1909).....	Supervising the construction of a concrete sterilizer and cooling tank.....	2. 75	Do.
Do.....	Do.....	Madison, N. J. (Apr. 12-13, 1909).....	Dairy farm investigations.....	21. 25	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Parks, K. E.	Architect.	Round Hill, Va. (May 28, 1909)	Supervising the construction of a concrete sterilizer and cooling tank.	\$2.75	General expenses, B. A. I., 1909.
Do.	do.	Philadelphia, Pa. (June 7-16, 1909)	To select materials for experimental silos.	15.17	Do.
Pickens, J. M.	Editor.	Chicago, Ill. (Aug. 1-10, 1908)	Collecting information regarding tuberculosis in meat animals.	75.40	Do.
Do.	do.	Detroit, Mich. (Nov. 24-27, 1908)	Investigating origin of foot-and-mouth disease.	54.50	Do.
Price, T. M.	Scientific assistant biologist.	Points in Ohio, Indiana, Illinois, and Wisconsin. (Mar. 20-Apr. 9, 1909)	Investigating the curing of meats by electricity.	171.68	Meat inspection, B. A. I., 1909.
Rabild, Helmer.	Dairyman.	Points in Michigan and New York. (July 3-21, 1908.)	Dairy farm investigations.	101.16	General Expenses, B. A. I., 1909.
Do.	do.	Points in Pennsylvania, New York, New England States, Michigan, Wisconsin, Illinois, Ohio, and Iowa. (Aug. 19, 1908, to Apr. 17, 1909.)	do.	1,047.71	Do.
Do.	do.	Points in Michigan. (June 12-30, 1909.)	do.	104.27	Do.
Ramsay, R. A.	Associate chief, Inspection Division.	Points in Missouri. (July 1-6, 1908)	Inspection of field work of bureau.	58.10	Do.
Do.	do.	Philadelphia, Pa. (Sept. 6-12, 1908)	Read paper on sheep and cattle scabies.	40.25	Do.
Do.	do.	Points in Nebraska and South Dakota. (Oct. 5-Nov. 3, 1908.)	Investigate outbreak of anthrax.	240.12	Do.
Do.	do.	Points in Pennsylvania. (Nov. 26-Dec. 3, 1908.)	Eradication of foot-and-mouth disease.	56.53	Do.
Do.	do.	Hagerstown, Md. (Dec. 11-14, 1908)	do.	9.00	Do.
Do.	do.	Points in Utah, Idaho, California, and New Mexico. (Jan. 12-Feb. 21, 1909.)	Investigate manner of shipping cattle; also inspection of bureau work.	448.63	Do.
Do.	do.	Points in Oklahoma, Missouri, Nebraska, and South Dakota. (July 1-27, 1908.)	Investigation of animal parasites.	106.94	Do.
Ransom, B. H.	Chief, Zoological Division.	Points in South Dakota, Nebraska, and Iowa. (Oct. 19-Dec. 1, 1908.)	do.	387.60	Do.
Do.	do.	Wheeling, W. Va. (Feb. 17-19, 1909)	do.	28.35	Do.
Do.	Assistant dairyman.	Points in North and South Carolina. (July 17-19, 1908.)	Dairy farm investigations.	33.80	Do.
Do.	do.	Points in New York. (July 19-26, 1908.)	do.	52.14	Do.
Do.	do.	Chicago, Ill., and Indianapolis, Ind. (July 30-Aug. 6, 1908.)	do.	77.64	Do.
Do.	do.	Points in Tennessee. (Aug. 9-15, 1908)	do.	81.31	Do.
Do.	do.	Raleigh, N. C. (Aug. 26-29, 1908)	do.	28.95	Do.

Do.....	do.....	Points in Maryland. (Sept. 18-19, 1908.)	do.....	8.35	Do.
Do.....	do.....	Points in South Carolina, Georgia, Alabama, Mississippi, and Louisiana. (Oct. 7-Nov. 3, 1908.)	do.....	184.65	Do.
Do.....	do.....	Points in Pennsylvania. (Nov. 8-11, 1908.)	do.....	29.64	Do.
Do.....	Senior dairyman	Points in Indiana, Illinois, New York, and New Jersey. (Jan. 4-12, 1909.)	do.....	94.21	Do.
Do.....	do.....	Points in Georgia and South Carolina. (Jan. 31-Feb. 9, 1909.)	do.....	61.82	Do.
Do.....	do.....	Madison, N. J. (Feb. 11, 1909)	do.....	19.05	Do.
Do.....	Chief, Dairy Division	Winchester, Va. (Feb. 26, 1909)	Deliver address at farmers' meeting.....	4.95	Do.
Do.....	do.....	Points in Louisiana, Mississippi, Texas, and Alabama. (Mar. 23-Apr. 6, 1909.)	Superintending the purchase of certain cattle to be shipped to Porto Rico.	181.60	Do.
Do.....	do.....	Points in New York and Pennsylvania. (May 4-31, 1909.)	Administration of Dairy Division work.....	97.91	Do.
Do.....	do.....	Points in Ohio, Missouri, Kansas, Colorado, Iowa, Minnesota, and Wisconsin. (June 8-26, 1909.)	do.....	182.07	Do.
Rice, J. A.....	Clerk.....	St. Louis, Mo. (June 13-23, 1909).....	Investigate charges made by bureau employee.	98.26	Meat inspection, B. A. I., 1909.
Riley, E. H.....	Scientific assistant, animal husbandry.	Chicago, Ill. (Nov. 27-Dec. 6, 1908)	Attend International Live Stock Exposition.	75.85	General expenses, B. A. I., 1909.
Do.....	do.....	Columbia, Mo. (Jan. 4-10, 1909)	Attend annual meeting American Breeders Association.	71.47	Do.
Rommel, G. M.....	Animal husbandman.	Burlington, Vt. (July 11-14, 1908).....	Inspect new water-supply system.....	40.74	General expenses, B. A. I. (animal breeding and feeding), 1909.
Do.....	do.....	Points in New Jersey, New York, Vermont, Connecticut, Colorado, Kansas, Missouri, Kentucky, Ohio, Indiana, Illinois, Iowa. (July 17-Sept. 8, 1908.)	Inspect water-supply systems; member of board of survey to inspect horses, attend fairs, Kentucky, Iowa; also inspect experimental stations en route.	342.86	Do.
Do.....	do.....	Middlebury, Vt. (Mar. 16-19, 1909).....	Conference with superintendent Morgan horse farm (government) and representatives of Vermont Experiment Station relative to conduct of farm.	37.28	Do.
Do.....	do.....	Points in Alabama. (Apr. 18-25, 1909).	Accompanying Hobson animal husbandry institute train.	84.24	Do.
Do.....	do.....	Points in Illinois and Iowa. (May 30-June 11, 1909.)	Investigate management of Percheron Stud-book of America.	151.67	General expenses, B. A. I., 1909.
Do.....	do.....	Middlebury, Vt. (June 30).....	Observe condition of government farm.....	26.35	General expenses, B. A. I. (animal breeding and feeding), 1909.
Rogers, L. A.....	Senior dairyman	Albert Lea, Owatonna, Minn.; Syracuse, Ithaca, N. Y. (July 1-Oct. 7, 1908.)	Dairy products investigations.....	190.96	General expenses, B. A. I., 1909.
Shaw, E. L.....	Assistant animal husbandman.	Points in Colorado, Wyoming, Missouri, and Ohio. (July 1-13, 1908.)	Inspect Colorado Experiment Station and study of sheep markets.	94.04	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Shaw, E. L.	Assistant animal husbandman.	Points in Ohio, Michigan, New York, Illinois, Missouri, Nebraska, Wyoming, Colorado, and Missouri. (Aug. 1-Oct. 17, 1908.)	Attend state fairs and inspect experiment stations.	\$551.28	General expenses, B. A. I., 1909.
Do.	do.	Markham, Va. (Oct. 28-31, 1908)	Sheep and goat investigations.	4.05	Do.
Do.	do.	Chicago, Ill., and Laramie, Wyo. (Nov. 27-Dec. 18, 1908.)	Attend International Live Stock Exposition, Chicago; separate sheep into breeding flocks, Laramie.	223.90	Do.
Do.	do.	Tuskegee, Ala. (Jan. 5-9, 1909)	Attend farmers' short course, and deliver lectures on live-stock industry.	65.15	Do.
Do.	do.	Middlebury, Vt., points in North Carolina, South Carolina, Georgia, Florida, Alabama, and Mississippi. (Mar. 10-May 17, 1909.)	Middlebury, conference with superintendent of experiment station relative to sheep work on farm; Southern States, cooperative work in sheep and goat husbandry.	483.88	General expenses, B. A. I. (animal breeding and feeding), 1909.
Do.	do.	Laramie, Wyo. (June 13-30, 1909)	Investigate sheep and goat work of bureau.	215.10	General expenses, B. A. I., 1909.
Shore, H. J.	Scientific assistant, animal pathology.	Points in Iowa and Michigan. (Sept. 24-Nov. 1, 1908.)	Hog-cholera investigations.	190.56	Do.
Stocum, R. R.	Poultry assistant.	Christiansburg, Va. (Dec. 5-7, 1908)	do.	19.90	Do.
Do.	do.	Ithaca, N. Y. (July 21-27, 1908)	Attend conference of poultry instructors and investigators.	34.65	Do.
Do.	do.	Niagara Falls, N. Y. (Aug. 9-13, 1908).	Attend meeting of American Poultry Association.	27.70	Do.
Do.	do.	Baltimore, Md. (Jan. 6, 1909)	Attend Baltimore poultry show.	3.35	Do.
Do.	do.	Cincinnati, Ohio. (Jan. 13-16, 1909)	Attend Cincinnati poultry show.	42.30	Do.
Do.	do.	Wheeling, W. Va. (Jan. 20-23, 1909)	Attend meeting of West Virginia branch of the American Poultry Association.	33.25	Do.
Do.	do.	Points in Alabama. (May 7-17, 1909).	Accompany animal husbandry institute train.	100.85	Do.
Smith, W. H., jr.	Veterinary inspector.	Halfway, Md. (July 7, 1908)	Investigate sanitary condition of the Potomac Packing Co.	3.10	Meat inspector, B. A. I., 1909.
Do.	do.	Indianapolis, Ind., and Cleveland, Ohio. (July 13-17, 1908.)	Investigating alleged violations of meat-inspection regulations.	65.87	Do.
Do.	do.	Lancaster and Allentown, Pa. (Aug. 19-21, 1908.)	Investigate the conduct of government inspectors in charge of meat inspection.	23.10	Do.
Do.	do.	Philadelphia, Pa.; New York, Brooklyn, N. Y.; Jersey City, N. J.; and Boston, Mass. (Oct. 5-10, 1908.)	Ascertain the manner in which edible fats are handled.	55.12	Do.

Do.	do.	Chicago, Ill.; Indianapolis, Ind.; Cincinnati, Ohio; Pittsburgh, Pa.; Wheeling, W. Va. (Mar. 16-25, 1909.)	Investigate methods of inspecting lungs, livers, and similar products at establishments where federal inspection is maintained.	98.55	Do.
Do.	do.	New York, Brooklyn, N. Y.; Jersey City, Newark, N. J. (Apr. 19-24, 1908.)	Investigate the manner of manufacturing and handling lard.	45.91	Do.
Do.	do.	Points in New York. (June 7-13, 1908.)	Investigate conditions of meat inspection service.	64.81	Do.
Smith, R. H., jr.	Clerk.	Albert Lea, Minn. (June 11-30, 1909.)	Detailed for clerical work at that point.	58.80	General expenses, B. A. I., 1909.
Stafford, R. J.	Veterinary inspector.	Annapolis, Md. (June 2, 1909.)	Post-mortem examination of animals.	3.00	Do.
Steddom, R. F.	Chief, Inspection Division.	Points in North Carolina, Georgia, Louisiana, Texas, Oklahoma, Missouri, Alabama, and Ohio. July 16-Aug. 20, 1908.)	Investigate conditions connected with the work of tick eradication.	227.69	Eradication of cattle ticks, B. A. I., 1909.
Do.	do.	Danville and Sunbury, Pa. (Nov. 10-15, 1908.)	Investigating outbreak of foot-and-mouth disease.	24.82	General expenses, B. A. I., 1909.
Do.	do.	Points in Missouri and Texas. (Mar. 13-22, 1909.)	Investigate conditions connected with the work of tick eradication.	120.29	Eradication of cattle ticks, B. A. I., 1909.
Do.	do.	Chicago, Ill. (May 8-16, 1909.)	Attend bureau's convention of veterinary inspectors engaged in meat inspection.	70.49	Meat inspection, B. A. I., 1909.
Do.	do.	St. Louis, Mo., (June 13-23, 1909.)	Investigate charges made by bureau employee.	108.05	Do.
Stedman, R. G.	Messenger and custodian.	Hagerstown, Md. (Nov. 20-30, 1908.)	Sealing cars in eradication of foot-and-mouth disease.	42.95	General expenses, B. A. I., 1909.
Stuart, D.	Assistant dairyman.	Chicago, Ill. (Nov. 30-Dec. 14, 1908.)	Attend National Dairy Show Association.	74.11	Do.
Thompson, R. E. L.	Carpenter.	Baltimore, Md. (July 20, 1908.)	Selecting tools for official use.	1.25	Meat inspection, B. A. I., 1909.
Do.	do.	Paterson, N. J. (Nov. 8-9, 1908.)	Selecting machinery required to manufacture metal stamps.	14.80	Do.
Thompson, S. C.	Dairyman.	Points in Iowa and Minnesota. (July 5-Aug. 29, 1908.)	Dairy manufacturing investigations.	315.08	General expenses, B. A. I., 1909.
Do.	do.	Points in New England States and New York. (Sept. 11-Oct. 17, 1908.)	do.	152.45	Do.
Do.	do.	Points in New England States. (Nov. 10-30, 1908.)	do.	93.92	Do.
Do.	do.	Chicago, Ill. (Dec. 1-9, 1908.)	do.	81.10	Do.
Do.	do.	Points in New England States. (Jan. 12-15, 1909.)	do.	38.22	Do.
Thompson, Wm.	Veterinary inspector.	New York, N. Y. (July 1-7, 1908.)	Investigations for mycotic lymphangitis.	37.70	Do.
Do.	do.	Purcellville, Va. (July 8-10, 1908.)	Testing cattle for tuberculosis.	3.05	Do.
Do.	do.	Manassas, Va. (July 10-14, 1908.)	do.	3.90	Do.
Do.	do.	Windham, Md., and vicinity. (July 15-29, 1908.)	do.	5.70	Do.
Do.	do.	Manassas, Va. (July 30, 1908.)	do.	2.60	Do.
Do.	do.	Nokesville, Va. (Aug. 2-5, 1908.)	do.	2.85	Do.
Do.	do.	District Line. (Aug. 7, 1908.)	do.	2.40	Do.
Do.	do.	Lincoln, Va. (Aug. 10-19, 1908.)	do.	13.05	Do.
Do.	do.	Haymarket, Va. (Aug. 27-28, 1908.)	do.	2.70	Do.
Do.	do.	Bluemont, Va. (Aug. 30-Sept. 3, 1908.)	do.	5.65	Do.
Do.	do.	Haymarket, Va. (Sept. 3-5, 1908.)	do.	2.25	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Thompson, Wm.	Veterinary inspector	Philadelphia, Pa. (Sept. 8-14, 1908).	Attend meeting of American Veterinary Medical Association.	\$6.65	General expenses, B. A. I., 1909.
Do.	do.	Midland, Va. (Sept. 16-19, 1908).	Testing cattle for tuberculosis.	3.90	Do.
Do.	do.	Nokesville, Va. (Sept. 21-26, 1908).	do.	2.50	Do.
Do.	do.	Blair Road, Va. (Sept. 28-30, 1908).	do.	.20	Do.
Do.	do.	Nokesville, Va. (Oct. 2-5, 1908).	do.	1.95	Do.
Do.	do.	Purcellville, Va. (Oct. 5-6, 1908).	do.	2.85	Do.
Do.	do.	Frederick, Md. (Oct. 7-8, 1908).	do.	8.65	Do.
Do.	do.	Silver Hill, Md. (Oct. 9, 1908).	do.	.20	Do.
Do.	do.	Gainesville, Va. (Oct. 12, 1908).	do.	1.80	Do.
Do.	do.	Albert Lea, Minn. (July 1-Oct. 21, 1908.)	Detailed for laboratory work.	41.15	Do.
Timberlake, T. O.	Laboratory helper.	Points in Pennsylvania, New York, South Dakota, North Dakota, and Montana. (Nov. 20, 1908-Jan. 20, 1909.)	Eradication of foot-and-mouth disease.	394.96	Do.
Traum, J.	Veterinary inspector	Luray, Va. (Feb. 14-20, 1909).	do.	40.25	Do.
Do.	do.	Points in Virginia, Maryland, and Delaware. (Nov. 29-Dec. 15, 1908.)	do.	25.89	Do.
Do.	do.	Cedar Creek, Va. (Dec. 18, 1908).	do.	6.23	Do.
Do.	do.	Points in Ohio. (Dec. 24-27, 1908).	do.	33.30	Do.
Do.	do.	Culpeper, Va. (Apr. 15, 1909).	Examination of sheep to be slaughtered.	5.20	Meat inspection, B. A. I., 1909.
Do.	do.	Dover, Del. (Apr. 22, 1909).	Read paper on meat inspection.	7.11	Do.
Do.	do.	Points in Iowa, Indiana, and Ohio. (June 13-22, 1909.)	Tuberculosis of hogs.	66.05	Do.
Webster, E. H.	Chief, Dairy Division.	Points in New York. (July 19-27, 1908.)	Dairy Division administration.	53.94	General expenses, B. A. I., 1909.
Do.	do.	Points in New Jersey, Illinois, Minnesota and Michigan. (July 27-Aug. 10, 1908.)	do.	128.42	Do.
Do.	do.	Points in Indiana, Illinois, Wisconsin, Minnesota, Missouri, Kansas, Texas, Arkansas, and Tennessee. (Sept. 2-27, 1908.)	do.	136.38	Do.
Do.	do.	Points in Wisconsin, Minnesota, Illinois, and New York. (Oct. 31-Nov. 10, 1908.)	do.	109.28	Do.
Do.	do.	Points in Wisconsin, Illinois, and Kansas. (Nov. 27-Dec. 12, 1908.)	do.	128.82	Do.

Weld, I. C.	Assistant dairyman.	Points in New England States, New York, Michigan, Ohio, and Indiana.	Market-milk investigations.	
Do.	do.	(July 5-Sept. 20, 1908.)	do.	316.14
Do.	do.	Pittsburg, Pa. (Oct. 1-9, 1908.)	do.	9.15
Do.	do.	Concord, N. H. (Oct. 15-23, 1908.)	do.	43.69
Do.	do.	Chicago, Ill., and Boston, Mass. (Nov. 20-Dec. 11, 1908.)	do.	72.24
Do.	do.	Delta, Ohio. (Jan. 5-8, 1909.)	do.	135.10
Do.	do.	Points in New England States. (Jan. 11-19, 1909.)	do.	40.50
Do.	do.	Memphis, Tenn. (Jan. 20-23, 1909.)	do.	59.19
Do.	do.	Columbus, Ohio. (Feb. 2-6, 1909.)	do.	65.40
Do.	do.	Chicago, Ill., and Grand Rapids, Mich. (Feb. 11-21, 1909.)	do.	44.05
Do.	do.	Toledo, Ohio. (Feb. 25-28, 1909.)	do.	75.90
Do.	do.	Traverse City, Mich. (Mar. 20-27, 1909.)	do.	42.50
Do.	do.	Points in New England States. (Mar. 29-Apr. 8, 1909.)	do.	66.82
Do.	do.	Points in California and Washington. (Apr. 16-June 30, 1909.)	do.	32.75
Whitaker, G. M.	do.	Points in New England States. (July 1-7, 1908.)	do.	511.95
Do.	do.	Bristol, Va. (July 15-19, 1908.)	do.	25.90
Do.	do.	Ithaca, N. Y. (July 21-22, 1908.)	do.	33.15
Do.	do.	New York, N. Y. (July 23-24, 1908.)	do.	21.30
Do.	do.	Points in Kansas and Wisconsin. (Aug. 16-Oct. 2, 1908.)	do.	15.95
Do.	do.	Norfolk, Va. (Oct. 21-23, 1908.)	do.	239.17
Do.	do.	Points in Iowa. (Oct. 31-Nov. 12, 1908.)	do.	10.60
Do.	do.	Athens, Ga. (Nov. 19-26, 1908.)	do.	89.34
Do.	do.	Knoxville, Tenn., and Chicago. (Nov. 26-Dec. 9, 1908.)	do.	56.65
Do.	do.	Points in Missouri, Kansas, Illinois, Iowa, and Nebraska. (Jan. 5-29, 1909.)	do.	98.10
Do.	do.	Reading, Pa. (Feb. 6, 1909.)	do.	171.28
Do.	do.	Hinckley, Ill. (Feb. 9-17, 1909.)	do.	11.84
Do.	do.	Points in Iowa, Illinois, and Indiana. (Mar. 17-28, 1909.)	do.	75.85
Do.	do.	Points in Virginia, South Carolina, Alabama, Ohio, and Michigan. (Apr. 16-May 19, 1909.)	do.	104.21
Do.	do.	Points in New York and Pennsylvania. (June 3-30, 1909.)	do.	257.60
Do.	do.	Points in Ohio, Pennsylvania, and New York. (July 20-31, 1908.)	do.	125.07
White, D. B.	Senior dairyman.	Points in Ohio, Kansas, and Iowa. (Aug. 1-30, 1908.)	Dairy manufacturing investigations.	70.30
Do.	do.	Chicago, Ill. (Sept. 6-14, 1908.)	do.	169.63
Do.	do.		do.	69.63

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
White, D. B.	Senior dairyman.	Points in Illinois, Wisconsin, and Minnesota. (Oct. 18-30, 1908.)	Dairy manufacturing investigations.	\$114.89	General expenses, B. A. I., 1909.
Do.	do.	Chicago, Ill., and Madison, Wis. (Nov. 27-Dec. 15, 1908.)	do.	99.46	Do.
Do.	do.	Points in Pennsylvania, Idaho, and Utah. (Jan. 1-20, 1909.)	do.	240.98	Do.
Do.	do.	Points in Minnesota and Wisconsin. (Feb. 6-17, 1909.)	do.	96.46	Do.
Do.	do.	Points in Iowa and Minnesota. (Mar. 17-25, 1909.)	do.	94.38	Do.
Do.	do.	Points in Minnesota, Iowa, and Michigan. (May 23-June 20, 1909.)	do.	155.27	Do.
Williams, J. O.	Scientific assistant, animal husbandry.	Points in Kentucky, Ohio, Indiana, Kansas, Missouri, Tennessee, and Colorado. (July 1, 1908-June 30, 1909.)	Attend state fairs to note classes offered for American carriage horses, assembling horses purchased and representing the bureau at Fort Collins, Colo., experiment station.	619.55 621.82	General expenses, B. A. I. (animal breeding and feeding), 1909.
Wooden, M.	Associate chief, inspection division.	Buffalo, N. Y. (Oct. 4-9, 1908.)	Inspection of condition and conduct of meat-inspection work at that station.	48.15	Meat inspection, B. A. I., 1909.
Do.	do.	New York, N. Y., and Paterson, N. J. (Feb. 19-20, 1909.)	Inspection of meat-inspection service at points mentioned.	23.90	Do.
Do.	do.	Cincinnati, Ohio, Louisville, Ky., and Chicago, Ill. (Apr. 29-May 13, 1909.)	Observe manner of conducting meat-inspection work and attend bureau convention of veterinary inspectors.	61.05	Do.
Woodward, B. T.	Veterinary inspector.	Points in the vicinity of Washington, D. C. (July 10, 20, 21, 25, Aug. 4, 29, 1908.)	Testing cattle for tuberculosis.	1.85	General expenses, B. A. I., 1909.
Do.	do.	Philadelphia, Pa. (Sept. 7-14, 1908.)	Attend meeting of American Veterinary Medical Association.	7.50	Do.
Do.	do.	Points in Virginia. (Sept. 18, 19, 20, 21, 22, 1908.)	Testing cattle for tuberculosis.	25.90	Do.
Do.	do.	Boston, Mass. (Sept. 24-28, 1908.)	Testing horses for glanders.	40.60	Do.
Do.	do.	Points in Virginia. (Nov. 3, 5, 9, 10, 16, 17, 1908.)	Testing cattle for tuberculosis.	9.90	Do.
Do.	do.	Points in Pennsylvania. (Nov. 30, 1908-Feb. 3, 1909.)	Eradication of foot-and-mouth disease.	182.13	Do.
Do.	do.	Points in Virginia. (Mar. 2-Apr. 30, 1909.)	Testing cattle for tuberculosis.	36.20	Do.
Do.	do.	Points in the vicinity of the District of Columbia. (May 10-June 30, 1909.)	do.	42.50	Do.

BUREAU OF PLANT INDUSTRY.

Adams, Ernest L.	Special agent.	Philbrook, Great Falls, Stanford, and other points in Montana. (Apr. 1-June 25, 1909.)	Visiting experiment stations to collect data on steam and gasoline plowing outfits, and to conduct experiments for the improvement of dry-land grains.	\$99.80	General expenses, B. P. I., 1909.
Airey, Joseph A.	Collaborator.	New Orleans, La., to Washington, D. C., and return. (Jan. 30-Feb. 5, 1909.)	To consult with the Secretary and other officials of the Department of Agriculture relative to establishing official grades of American cotton.	92.05	Do.
Akers, J. S.	do.	Atlanta, Ga., to Washington, D. C., and return. (Jan. 31-Feb. 4, 1909.)	do.	69.25	Do.
Allard, Harry A.	Scientific assistant in cotton breeding investigations.	Atlanta, Gainesville, Thompsons Mills, Ga.; Chapel Hill, N. C.; Columbia, S. C.; and other points in states named. (Aug. 25-Oct. 24, 1908.)	Investigating methods of handling, selecting, and storing cotton seed, judging and scoring samples, inspecting breeding plats, consulting authorities of state experiment stations, and studying cotton-breeding experiments.	197.87	Do.
Do.	do.	Gainesville, Thompsons Mills, Hoschton, Braselton, and other points in Georgia. (Apr. 7-May 12, 1909.)	Investigating cotton breeding for increased yield, length of staple, etc., to study the relation of oil content to soil fertilizers, and continue cooperative breeding work with farmers.	79.14	Do.
Allen, Edward R.	Scientific assistant.	Kansas City and Hays, Kans.; Denver, Colo.; Ogden, Utah; Hazen and Fallon, Nev. (June 9-30, 1909.)	Investigating relationship between bacteriological conditions and fertility of the soil upon the Truckee-Carson irrigation project; fit up a laboratory at Fallon, etc.	148.83	Do.
Alsberg, Carl L.	Chemical biologist.	Baltimore, Md., and return. (Dec. 28, 1908.)	To confer with members of Johns Hopkins University relative to laboratory investigations of poisonous plants.	2.00	Do.
Do.	do.	New York City and return. (Feb. 16-17, 1909.)	To address meeting of the Society for Experimental Biology and Medicine, and consult experimental biologists relative to poisonous-plant work.	14.60	Do.
Do.	do.	Baltimore, Md. and return. (June 12, 1909.)	To consult authorities of Johns Hopkins University concerning poisonous-plant investigations.	1.25	Do.
Ayres, Thomas W.	Scientific assistant.	Atlanta, Marshallville, Columbus, Warm Springs, Woodbury, Decatur, and Fort Valley, Ga. (Mar. 6-June 2, 1909.)	Conducting spraying experiments demonstrations on peach brown rot and other orchard diseases, and recording results.	52.99	Do.
Babcock, Frank R.	Special agent.	Williston, N. Dak., to Washington, D. C. (Nov. 9-16, 1908.)	To prepare reports on season's work; confer with officials of the bureau, and engage in laboratory work with grains.	46.25	Do.
Do.	do.	Washington, D. C., to Williston, N. Dak. (Mar. 15-22, 1909.)	To resume charge of cooperative dry-land grain work at the Williston station in co-operation with North Dakota Experiment Station.	78.35	Do.

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Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Bailey, Clyde H.....	Assistant in grain standardization.	Fargo, N. Dak., to Minneapolis, Minn.; Milwaukee, Wis.; Chicago, Ill.; and Washington, D. C. (May 29-June 6, 1909.)	To investigate new apparatus for baking tests; attend annual convention of the Federation of American Millers, and confer with officers of the Bureau of Plant Industry.	\$70.02	General expenses, B. P. I., 1909.
Do.....	do.....	Washington, D. C., to Fargo, N. Dak. (June 25-29, 1909.)	To continue baking tests and investigations in determining the milling values of wheat in cooperation with the North Dakota Experiment Station.	65.35	Do.
Bain, Samuel M.....	Special agent.	Knoxville, Tenn., and travel in Tennessee and Arkansas. (Nov. 4, 1908-June 30, 1909.)	To improve cotton by selection and hybridization, with special reference to control of boll weevil, effect of climate, treatment of cotton ovules and pollen with chemical solutions, increasing oil content of seed, etc. To consult with the Secretary and other officials of the Department of Agriculture relative to the establishment of official grades of American cotton.	118.66	Do.
Baker, Clifton R.....	Collaborator.	Boston, Mass., to Washington, D. C., and return. (Jan. 30-Feb. 3, 1909.)	Investigating and taking notes on varieties of sorghum, and attending the meeting of the Great Plains Cooperative Experiment Association.	63.85	Do.
Ball, Carleton R.....	Agronomist.	Amarillo, Tex.; Chicago, Ill.; and points in Missouri, North Dakota, South Dakota, Oregon, Montana, Kansas, Nebraska, New Mexico, Colorado, Idaho, Utah, and Wyoming. (Aug. 10-Sept. 25, 1908.) New Orleans, La.; Amarillo, Dalhart, and other Texas points. (Oct. 15-22, 1908.)	Investigating and taking notes on varieties of sorghum, and attending the meeting of the Great Plains Cooperative Experiment Association.	156.28	Do.
Do.....	do.....	Winchester, Va.; Martinsburg, W. Va., and vicinity. (Oct. 4-7, 1908.)	Taking photographs, selecting sorghums for seed and packing material for shipment to Washington.	154.80	Do.
Ballard, William S.....	Scientific assistant in diseases of fruits.	Watsonville, Sacramento, and other points in California. (Nov. 1, 1908-Feb. 1, 1909.)	Experiments in pollination of apples.	22.66	Do.
Do.....	do.....	San Francisco, San Jose, Yolo, Watsonville, Suisun City, and other points in California. (Mar. 1-June 1, 1909.)	Investigating apple powdery mildew, gumming diseases of peaches, almonds, apricots, and eradication work on pear blight, etc.	286.62	Do.
Do.....	do.....	Armore and other points in Oklahoma. (Aug. 23-Sept. 9, 1908.)	Experimental work on apricot anthracnose; investigations of peach and pear blight, taking notes on spraying demonstrations, etc.	287.94	Do.
Baumberge, William E.....	Special agent.		Giving instructions and supervising special cotton demonstration work in cooperation with the farmers of eastern Oklahoma.	144.89	Do.

Barbot, Wingate P.	Collaborator.	New York City to Washington, D. C., and return. (Jan. 31-Feb. 5, 1909.)	To attend conference on cotton standardization for the purpose of establishing official grades for American cotton.	52.47	Do.
Beattie, William R.	Assistant horticulturist.	Norfolk, Va., and return. (July 12-18, 1909.)	To investigate growing and handling truck crops and peanuts.	15.00	Do.
Do.	do.	Huntington and Parkersburg, W. Va., and return. (Aug. 13-30, 1908.)	To accompany the West Virginia state board of agriculture educational train.	37.55	Do.
Do.	do.	New York, Rochester, N. Y.; Williamsburg, Harrisburg, Pa., and points in New Jersey, Massachusetts, and Connecticut. (Sept. 21-Oct. 30, 1908.)	Investigating and taking notes on trucking industry of eastern United States, especially in connection with celery and onions.	115.61	Do.
Do.	do.	Norfolk, Va., and points south along the Atlantic coast. (Nov. 30-Dec. 11, 1908.)	Conducting experiments and trials with sweet potatoes and peanuts, and a general truck survey.	84.75	Do.
Do.	do.	Springfield, Columbus, and Zanesville, Ohio, and Philadelphia, Pa. (Dec. 20-23, 1908.)	To look up special machinery suitable to the preparation of peanuts for oil expression.	40.30	Do.
Do.	do.	St. Louis, Mo., Paragould, Jonesboro, Clarendon, Stuttgart, Thornton, Camden, and other points in Arkansas, Texas, and Alabama. (Jan. 8-26, 1909.)	To attend institutes, address and assist with meetings; visit peanut sections to study character of soil and use of fertilizers, etc., and general conditions of truck crops and the peanut industry.	174.59	Do.
Do.	do.	Norfolk, Va., and vicinity. (Sept. 28, 1908-Mar. 3, 1909.)	To join an institute train for the purpose of discussing the potato as a truck crop, assist in other institute work, and arrange for season's work with truck crops and peanuts.	31.45	Do.
Do.	do.	Charleston, Gough, S. C.; Shreveport, La.; Dallas, Tyler, Morral, Denison, Tex., and other points in States mentioned. (Apr. 13-May 1, 1909.)	To cooperate with growers and oil-mill men in the peanut oil test conducted at Shreveport; address farmers' institutes on peanut growing, and conduct experiments and investigations in connection with truck crops and peanuts.	179.06	Do.
Do.	do.	Norfolk, Va., and return. (May 25-29, 1909.)	To continue the study of soil, fertilizers, etc., in connection with potatoes and other crops.	23.70	Do.
Do.	do.	Louisville, Ky., Cincinnati, Columbus, and other points in Ohio, and Kendallville, Ind. (June 6-15, 1909.)	Investigating the canning and trucking industry and general truck survey, including onions, potatoes, cabbages, and celery.	112.65	Do.
Beavers, James C.	Scientific assistant.	Norfolk, Morrisville, Danville, Va., Eastover, Columbia, Camden, Charaw, S. C.; Raleigh, Henderson, Greenville, N. C.; Americus, Albany, Ga., and other points in States named. (July 2-Sept. 12, 1908.)	Taking photographs of crops and investigating farm practice in the use of fertilizers, crop rotations for soil, manures, and best time to sow and plow under green manure crops to secure best results.	220.67	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- penditure.	Appropriation.
Beavers, James C	Scientific assistant.	Lawrenceville, Norlina, Henderson, Gorman, Raleigh, Carey, High Point, and Statesville, N. C.; Chester, Camden, Greenwood, S. C.; Warrenton, Elberton, Jefferson, Athens, Madison, Greensboro, Milledgeville, Rome, Marietta, Gainesville, Ga.; Montgomery, Bessemer, Jasper, Anniston, Gadsden, Ala.; and other points in States named. (Sept. 17–Dec. 14, 1908.)	To continue investigations in green-manure crops and other fertilizers with a view to recommending to farmers the kind and amount of fertilizers to use on different types of soil.	\$379.79	General expenses, 1909.
Do	do	Lawrenceville, Norlina, Henderson, Gorman, Raleigh, Carey, High Point, and Statesville, N. C.; Chester, Camden, Greenwood, S. C.; Warrenton, Elberton, Jefferson, Athens, Madison, Greensboro, Milledgeville, Rome, Marietta, Gainesville, Ga.; Montgomery, Bessemer, Jasper, Anniston, Gadsden, Ala.; and other points in States named. (Apr. 1–30, 1909.)	Use of fertilizers and manures for potatoes and other crops.	139.48	Do.
Do	do	Weldon, Halifax, Williamston, Plymouth, Fayetteville, and Rowland, N. C.; Dillon, Loftis, Florence, Timmons ville, Sumter, Aiken, S. C.; Millen, Waynesboro, and Statesville, Ga. (May 17–June 12, 1909.)	Interviewing farmers on the practical use of fertilizers, manures, and green-manure crops, and continuing experiments and demonstrations in crop rotations and farm practice.	149.55	Do.
Belz, Jacob Otto	Assistant in physical laboratory.	Dalhart and Amarillo, Tex.; Hays and Garden City, Kans.; Akron, Colo.; and other points in the Great Plains area. (Mar. 26–Apr. 26, 1909.)	To investigate physical conditions of soil and climate affecting dry-land crops grown in the semiarid regions.	156.30	Do.
Do	do	Dalhart, Amarillo, and other points in Texas. (May 1–June 30, 1909.)	Installing apparatus and making observations to determine the influence of the climatic conditions at the different experimental farms upon dry-land crops and the effect of the different methods of cultivation and conservation of moisture.	168.35	Do.

Bentley, W. D.....	Special agent.....	Wichita Falls, Tex.; Oklahoma City, Okla.; and travel throughout the States of Texas and Oklahoma. (Sept. 4, 1908-June 30, 1909.)	270. 57	Do.	Giving instructions in demonstrations and directing local agents in cooperative work with cotton and corn, conferring with the state board of agriculture, attending teachers' and farmers' institutes and meetings of business men and farmers in the interest of the farmers' cooperative demonstration work.
Bessey, Ernst A.....	Pathologist in charge.....	Blissfield, Erie, Mount Clemens, Crosswell, Bad Axe, Bay City, and Saginaw, Mich.; Madison and Janesville, Wis.; and other points in States named, and throughout the State of Florida. (July 1-Aug. 31, 1908.)	217. 12	Do.	Visiting sugar-beet fields and testing seeds and plants from foreign countries.
Billings, George O.....	Assistant in dairy farm management.....	Haddonfield, N. J.; Harrisburg, Jersey Shore, Chippewa, La Porte, Milltown, Avondale, Kenneth Square, Pa.; Ithaca, N. Y.; Charles River, Lowell, Brockton, Greenfield, Mass.; Concord, West Newton, South Frammingham, N. H.; and other points in States named. (July 1-Aug. 31, 1908.)	190. 41	Do.	Taking photographs of silos and studying systems of management of the dairy herd and farm, feeding and cropping systems, etc., to ascertain best methods of producing milk for market at minimum cost.
Do.....	do.....	Mount Carmel, Md., and Norristown, Pa. (Feb. 23-30, 1909.)	20. 00	Do.	To deliver addresses before farmers' granges on systems of management and practice in dairy farming, and securing photograph of concrete silo.
Do.....	do.....	Philadelphia, Media, Lebanon, Pa.; Columbus, Lebanon, Greenfield, Springfield, Galena, and Cleveland, Ohio; Monroe, Detroit, Lansing, and Bay City, Mich.; and other points in Pennsylvania, Michigan, Ohio, Indiana, Illinois, and New York. (Oct. 1-Nov. 22, 1908.)	237. 65	Do.	Conferring with the faculty of the Ohio State University, consultation with authorities relative to establishment of agricultural course in Interlochen School at La Porte, visiting state agricultural colleges and representative dairy farms in the interest of improved methods of dairy farming.
Do.....	do.....	Philadelphia, West Chester, Easton, Pa.; Trenton, Ashland, Swedesboro, Hammononton, and Columbus, Ohio. (Jan. 12-Feb. 9, 1909.)	108. 44	Do.	Attend meetings of agricultural colleges and granges, interviewing milk dealers and other business men concerning dairy farm management, reading papers before dairy men's association on methods of dairy work, and studying systems of management of the dairy and improvement of dairy stables.
Do.....	do.....	Chestertown, Md. (Feb. 25-27, 1909.)	5. 00	Do.	Lecturing before farmers' club on farm management and studying types of farming in that vicinity.
Do.....	do.....	Philadelphia, Kingsleys, and Mount Pocono, Pa.; Warwick, N. Y.; and New Brunswick and Trenton, N. J. (Mar. 21-30, 1909.)	64. 51	Do.	Making plans of demonstration farms, studying methods of experiment stations, consultations with various farmers concerning plans and cooperative dairy farm work for the season.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Billings, George O.....	Assistant in dairy farm management.	Philadelphia, West Chester, Willow Grove, Easton, and Allford, Pa.; Trenton, Bordentown, Ashland, Swedesboro, Woodstown, Morrisstown, New Brunswick, Bridgeton, Vineland, and Millville, N. J. (April 23–May 29, 1909.)	To continue study of farm conditions and systems of management and practice on dairy and other farms.	\$126.53	General expenses, 1909.
Do.....	do.....	Philadelphia, West Chester, Willow Grove, Easton, and Allford, Pa.; Trenton, Bordentown, Ashland, Swedesboro, Woodstown, Morrisstown, New Brunswick, Bridgeton, Vineland, and Millville, N. J. (June 1–30, 1909.)	Supervising cooperative work in cropping systems and farm management, and securing data for publication on methods of farm management and practice.	96.87	Do.
Blohn, J. F.....	Special agent in tobacco investigations.	Perry and Dallas, Tex., and Brewton, Ala. (Feb. 10–17, 1909.)	Inspecting, harvesting, and sacking tobacco; instructing farmers and growers, and distributing acclimated and improved types of seed with a view to improving the yield and quality of tobacco, and continuing investigations and advisory work in cooperation with the department of agriculture and industry of Alabama.	184.76	Do.
Boerner, Emil G.....	Assistant in grain standardization.	London, Copenhagen, Naples, and other points in continental Europe. (July 31–Nov. 1, 1908.)	Investigations relative to quality and condition of American grain on arrival at European ports and its deterioration during ocean transit.	634.34	Do.
Do.....	do.....	New York and return. (Mar. 7–13, 1909.)	To secure data for report on transportation of export grain.	36.15	Do.
Do.....	do.....	New York, N. Y. (May 3–June 30, 1909.)	To take charge temporarily of grain standardization laboratory at that point.	78.64	Do.
Boykin, Erastus B.....	Special field agent.....	Lamar, S. C.; Dothan, Montgomery, Birmingham, and other points in Alabama. (July 20–Sept. 26, 1908.)	To attend farmers' institutes and give talks on cotton culture in company with the commissioner of agriculture of Alabama; visit Grasselli Chemical Co. to inspect their methods of fertilization being demonstrated in the interest of cotton growing; making selections and supervising the cultivation of experimental cotton.	246.90	Do.

Do.	do.	Plymouth, Gatesville, N. C.; Columbia, Orangeburg, S. C.; Gainesville, Ga.; and other points throughout States named. (Oct. 1, 1908-Jan. 18, 1909.)	Improvement of cotton by breeding and selection, production of new varieties by hybridization, ginning, experimental selections, etc.	135. 11	Do.
Do.	do.	Darlington, Columbia, Statesville, Sumter, and Lenoir, S. C.; Raleigh, N. C.; and Gainesville, Ga. (Jan. 19-30, 1909.)	Preparing land for experimental cotton, conferring with growers, working out plans for fertilizing and distributing same, completing notes in preparation of bulletin on cotton culture for publication, and giving talks on plant breeding at teachers' and farmers' institutes, lectures on cotton selection, and making field observation experiments in experimental cotton growing.	84. 43	Do.
Brackett, Gustavus B.	Pomologist in charge pomological collections.	Cornelia, Ga. (Aug. 10-16, 1908)	Address before the Georgia Horticultural Society on "The peach industry of Georgia," and carry forward the work of pomological investigations.	46. 40	Do.
Do.	do.	Hilton, Athena, and other points in New Jersey. (June 10-18, 1909.)	Investigation of the strawberry industry of that State.	35. 00	Do.
Brand, Charles J.	Physiologist.	San Antonio, Tex.; Sacaton and Yuma, Ariz.; Mecca, Indio, and San Francisco, Cal.; Logan, Utah; North Platte, Nebr.; Manhattan, Kans.; Iron River, Oreg.; and Minneapolis, Minn. (July 1-31, 1908.)	To study the life history and seed production of dry land clovers and alfalfa.	247. 73	Do.
Do.	do.	Philadelphia, Pa.; Syracuse, N. Y.; Chicago, Ill.; Minneapolis, Minn.; Mitchell, S. Dak.; Dickerson, N. Dak.; Omaha, Nebr.; Salt Lake City, Utah; San Francisco, Cal.; Denver, Colo.; and St. Louis, Mo. (Sept. 1-30, 1908.)	To continue studies on seed production, with special reference to hard seed, visit experimental stations, and conduct investigations in plant-life history.	310. 98	Do.
Do.	do.	Philadelphia, Pa.; Syracuse, N. Y.; Chicago, Ill.; Minneapolis, Minn.; Mitchell, S. Dak.; Dickerson, N. Dak.; Omaha, Nebr.; Salt Lake City, Utah; San Francisco, Cal.; Denver, Colo.; and St. Louis, Mo. (May 1-June 26, 1908.)	do.	470. 73	Do.
Bray, William L.	Collaborator.	Syracuse and New York, N. Y.; Washington, D. C., and return. (Sept. 4-10, 1908.)	To collect information on the distribution of mistletoe in the United States, and consult with the pathologist in charge of laboratory of forest pathology.	40. 83	Do.
Do.	do.	Syracuse, N. Y., to Washington D. C.; St. Louis, Mo.; Paris, Dallas, Waco, Austin, Hearne, Cotulla, Tex.; and points in Alabama, Mississippi, Louisiana, North Carolina, South Carolina, and Georgia. (Dec. 11, 1908-Apr. 12, 1909.)	To consult herbaria and collect data on mistletoe diseases of oaks and other trees, and conference at Washington relative to bulletin on mistletoe for publication.	230. 75	Do.
Brewer, James F.	Artist.	Norfolk, Va., and return. (June 2-16, 1908.)	To make paintings of diseased vegetables.	22. 30	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Briggs, Lyman J.....	Physiologist.....	Ithaca, N. Y., and return. (July 5-15, 1908.)	Conferences and lectures before the graduate school of agriculture.	\$50.45	General expenses, 1909.
Do.....	do.....	Chicago, Ill.; Battle Creek, Mich.; Garden City, Kans.; North Platte, Nebr.; Akron, Colo.; Salt Lake City, Utah; Edgeley and Bellefourche, S. Dak., and intermediate points. (July 19-Aug. 11, 1908.)	Inspection of physical field investigations being carried on at the different experimental farms, and study of dry farming in the Great Plains and Great Basin areas.	297.33	
Do.....	do.....	Suffield, Conn. (Aug. 15-20, 1908)....	To inspect fertilizer experiments on the control of root-rot fungus.	71.10	Do.
Do.....	do.....	Fargo and other points in South Dakota. (Aug. 22-Sept. 1, 1908.)	To attend meeting of the Cooperative Experimental Association of the Great Plains area at Fargo, and inspect dry farming investigations.	135.22	Do.
Do.....	do.....	Philadelphia, Pa., and return. (Nov. 18-Dec. 4, 1908.)	To confer with instrument makers regarding a portable apparatus for measuring the moisture content of grain.	11.09	Do.
Do.....	do.....	Chicago, Ill.; Minneapolis, Minn., and Fargo, N. Dak. (Jan. 16-22, 1909.)	To address the Tri-State Grain Growers' Association upon the conservation of humus, and confer with the officials of the South Dakota Experiment Station in regard to dry farming, and investigate physical apparatus at Chicago.	74.80	Do.
Do.....	do.....	New York City. (May 18-20, 1909)....	Assisting in investigation of dust preventives (effects of automobiles).	23.60	Public road inquiries, 1909.
Do.....	do.....	Cheyenne, Wyo. (Feb. 20-29, 1909.)	To attend third annual session of the Dry Farming Congress and present a paper entitled "Physical problems in connection with dry farming," and to confer with heads of the state experiment stations who are cooperating with this bureau.	130.00	General expenses, 1909.
Brodie, David A.....	Assistant agriculturist.....	Gaffney, Columbia, Sumter, S. C.; White Oak, Rockingham, Unionville, and Gibson, N. C. (July 17-Aug. 12, 1908.)	Addressing farmers' meetings on the subject of farm management and aiding in the establishment of farm practice demonstration work.	85.04	Do.
Do.....	do.....	Waverly, Dickson, and Centerville, Tenn. (Aug. 19-27, 1908.)	Addresses before farmers' institutes and meetings on subjects relating to farm management, and to confer with experiment station officials concerning cooperative work.	114.25	Do.

Do.....	do.....	St. Louis, Mo.; Thornton and Latour, Ark.; Shreveport, La.; and other points in States named. (Sept. 8-21, 1908.)	To consult railroad officials regarding trans- portations of vetch seed from Oregon to Southern States, investigating use of cow- pea threshers and methods of handling cowpeas for seed, and establishing cooper- ative work.	142. 34	Do.
Do.....	do.....	Rectortown, Va. (Sept. 30-Oct. 2, 1908.)	Conferences regarding cropping systems for farmers in that vicinity.	5. 00	Do.
Do.....	do.....	Columbia, S. C.; Augusta, Ga.; Chatta- nooga, Tallahoma, Concord, and Morristown, Tenn. (Oct. 25-Nov. 2, 1908.)	Studying farm conditions and drawing up farm plans, conferring with officers of state experiment stations regarding cooperative work, studying use of cover crops in diver- sification, preparation of land and time of planting.	51. 20	Do.
Do.....	do.....	Burkeville and Hampton, Va.; Wheel- ing, W. Va.; and Springfield, Md. (Nov. 12-Dec. 24, 1908.)	To establish cooperative work with Hamp- ton Institute and assist the superintendent in devising working plans. Giving in- structions regarding improved methods of management and outlining working plans for farmers in that vicinity.	59. 35	Do.
Do.....	do.....	St. Louis, Mo.; Fort Smith, Ark.; Shreveport, La.; Sherman, Tex.; and other points throughout the cotton belt. (Jan. 4-25, 1909.)	To secure information for bulletin on "Hay production in the cotton belt," addressing farmers' meetings on methods of farm man- agement, and studying developments in sections subject to the ravages of the cotton boll weevil.	171. 03	Do.
Do.....	do.....	Hampton and Rectortown, Va.; Lex- ington, Frankfort, Versailles, Ky. (Mar. 6-31, 1909.)	Outlining plans for cropping systems and methods of management, investigating the effect on vitality of cowpeas of being heated in the mow or stack in process of curing.	79. 29	Do.
Do.....	do.....	Hampton, Va.; High Point, N. C.; and points in South Carolina, Georgia, Louisiana, Alabama, Mississippi, Tennessee, Kentucky, Arkansas, Washington, Idaho, and Oregon. (Apr. 10-June 30, 1909.)	To plan agricultural school in North Carolina for destitute city boys, to aid faculty of colored school in Alabama to plan cropping system, to deliver lectures on farm man- agement topics, and establishment of farm practice demonstration work, etc.	192. 35	Do.
Brown, David E.	Special field agent.....	College Park, Upper Marlboro, and other points in Maryland; and Mar- shall, Tex. (June 1-Sept. 5, 1908.)	Improvement in yield and quality of native strains of tobacco by seed selection, use of fertilizers, etc., and development of a bet- ter rotation system in cooperation with the Maryland Agricultural Experiment Sta- tion.	68. 58	Do.
Do.....	do.....	Upper Marlboro and vicinity. (Jan. 1-June 30, 1909.)	Supervising experimental plats and taking notes on tobacco investigations and plant breeding.	10. 91	Do.
Brown, Edgar.....	Botanist in charge of seed laboratory.....	New York, N. Y., and return. (July 15-16, 1908.)	To consult with manufacturers of seed-test- ing apparatus.	15. 70	Do.
Do.....	do.....	New York, N. Y., and return. (Oct. 21-22, 1908.)	do.....	13. 57	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Brown, Edgar.....	Botanist in charge of seed laboratory.	St. Louis, Mo.; Chicago, Ill.; Milwaukee, Madison, Wis.; Lincoln, Nebr.; Corvallis, Oreg.; San Francisco, Cal.; Bozeman, Billings, Mont.; Muscow, Idaho; Fargo, N. Dak.; Minneapolis, Minn.; and Toledo, Ohio. (Nov. 5-Dec. 11, 1908.)	To establish cooperative seed-testing laboratories, visit agricultural experiment stations, arrange for appointment of collaborators in connection with work on adulterated seeds, obtain information as to quality and trade conditions of seeds, and inspect cooperative seed-testing laboratories.	\$348. 41	General expenses, 1909.
Do.....	do.....	Columbia, Mo.; and Lincoln, Nebr. (Apr. 8-15, 1909.)	To inspect cooperative seed-testing laboratories being conducted by the Department.	\$115. 03	Do.
Do.....	do.....	Niagara Falls and Ontario, Canada. (June 22-24, 1908.)	To deliver a lecture on the pure-seed work of the Department before a meeting of the American Seed-Trade Association.	28. 90	Do.
Brown, Ernest B.....	Assistant physiologist in corn investigations.	Waco and points throughout Texas; Shreveport, La.; and points in Virginia and Maryland. (July 1-Sept. 12, 1908.)	Planting experimental plats of corn, selecting seed, harvesting and weighing yields from breeding rows, inspecting demonstration plats, taking notes on variety tests, and supervising cooperative work on corn-breeding experiments.	360. 39	Do.
Do.....	do.....	Waco and points throughout Texas; Shreveport, La.; and points in Virginia and Maryland. (Jan. 29-Apr. 24, 1909.)	do.....	249. 96	Do.
Do.....	do.....	Chesertown and other points in Maryland. (Apr. 30-May 12, 1909.)	do.....	28. 22	Do.
Do.....	do.....	Murfreesboro, Tenn.; Shreveport, La.; Waco and other points in Texas. (May 29-June 30, 1909.)	Supervising photographing cooperative experimental plats of corn, packing and shipping samples, and compiling data on corn-breeding investigations.	306. 58	Do.
Burr, W. W.....	Assistant in dry-land agriculture.	St. Louis, Mo.; Chicago, Ill.; Omaha, Lincoln, North Platte, Nebr.; and intermediate points.	Consulting officials of experiment stations relative to dry-land experiments being carried on at North Platte substation, and planning cooperative work in dry-land agriculture.	179. 09	Do.
Burrill, Maurice C.....	Assistant agriculturist.	Ithaca, Elmira, Corning, Rochester, and points throughout the State of New York; through the New England States, Pennsylvania, and Ohio. (Sept. 1-Nov. 30, 1908.)	To study conditions and institute and carry on demonstration work with a view to again placing in cultivation abandoned farms, visit agricultural colleges, experiment stations, and vineyards.	361. 32	Do.

Carleton, M. A.	Cerealist.	York, Pa.; Ithaca and Elmira, N. Y. (July 30-Aug. 1, 1908.)	To investigate conditions of small grain in the field, arrange for future experiments with agricultural experiment stations and farmers, and study milling and baking operations.	59. 15	Do.
Do.	do.	New Orleans, La.; Amarillo and Dalt-hart, Tex.; Albuquerque, N. Mex.; Manhattan and Topeka, Kans.; St. Louis, Mo.; and other points in States named. (Aug. 13-Oct. 18, 1908.)	To consult with officers of experiment sta-tions and with farmers relative to condi-tions of cooperative farm experiments, in-spect experimental farms with special ref-erence to distribution of improved varie-ties, note conditions of rice work in the South, arrange for new work, and inter-view cooperators, millers, and grain deal-ers in the West relative to market condi-tions and milling operations.	356. 78	Do.
Do.	do.	Baltimore, Md., and Guelph, Ontario, Canada. (Dec. 3-10, 1908.)	To deliver lecture before the Maryland Ce-real and Forage Crop Breeders' Association at Baltimore, also before the Ontario Ex-perimental Union, on "Plant introduc-tion as a basis of crop improvement," to interview agronomists and officers of ex-periment stations, and inspect laboratory work.	36. 90	Do.
Do.	do.	Chicago, Ill.; Duluth and Minneapolis, Minn.; and Fargo, N. Dak. (June 6-15, 1909.)	To confer with experiment station officials, board of trade, grain dealers, seedsmen, millers, and others concerning the milling industry and market conditions of differ-ent classes of grains, inspect cooperative milling and baking tests, and obtain in-formation on production of linseed oil from flax.	106. 97	Do.
Do.	do.	New Orleans, Crowley, Jennings, and Lake Charles, La. (Feb. 15-21, 1909.)	To establish cooperative work in rice experi-ments.	108. 95	Do.
Do.	do.	Manhattan, Kans., and other points in Kansas, Oklahoma, New Mexico, Texas, and South Dakota. (Apr. 1-29, 1909.)	Inspection of experimental farms, consulta-tion with experiment station officials and farmers on past experiments and future work, and conference with millers and grain dealers relative to wheat consump-tion and marketing.	192. 32	Do.
Do.	do.	Chicago, Ill., and points in Kansas, Nebraska, California, Arizona, Ne-vada, Utah, Colorado, and Texas. (May 16-June 17, 1909.)	To plan new work and establish new coop-erative relations in grain investigations and experiments, especially in California.	358. 73	Do.
ates, Julius S.	Scientific assistant.	Greensboro, Raleigh, N. C.; Norfolk, Va.; Baltimore, Md.; and other points in States named. (July 9-Aug. 16, 1908.)	To study farm practice in methods of erad-ication and control of weeds and to work out fundamental laws of tillage.	39. 79	Do.
Do.	do.	Graham, Nebraska, and Raleigh, N. C. (Dec. 24, 1908-Jan. 2, 1909.)	Studying tillage problems and conferring with experiment station officials regard-ing cooperative work.	25. 60	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Cates, Junius S	Scientific assistant	Greenville and other points in North Carolina, South Carolina, Georgia, Florida, Louisiana, Texas, Alabama, Mississippi, Arkansas, Tennessee, Missouri, and California. (Apr. 20-June 13, 1909.)	To study habits, growth, and eradication of weeds, inaugurate demonstration of different methods of tillage, and take notes on results of investigations.	\$287. 40	General expenses, 1909.
Chambliss, Charles E.	Expert in charge of rice investigations.	Augusta and other points in Georgia, Louisiana, Texas, and California. (July 20-Oct. 9, 1908.)	Inspecting conditions of rice cultivation and experimenting with improved varieties.	473. 10	Do.
Do.	do.	Columbia, Charleston, Jacksonboro, S. C.; Crowley, Jennings, Lake Charles, La.; Beaumont and Houston, Tex. (Feb. 4-25, 1909.)	Selecting land for establishing permanent rice stations and arranging for experimental work on rice blast.	155. 30	Do.
Do.	do.	Jacksonboro and other points in South Carolina, Louisiana, Texas, and California. (Mar. 14-May 9, 1909.)	Planting rice for experimental and demonstration purposes.	362. 80	Do.
Do.	do.	Jacksonboro, White Hall, and Charleston, S. C.; Crowley and New Orleans, La. (May 31-June 20, 1909.)	To study conditions of rice crops and inspect experimental plots.	162. 85	Do.
Chase, Mrs. Agnes	Scientific assistant	Denver, Trinidad, Colorado Springs, Colo.; Tacoma, Wash.; Portland, Oreg.; and other points in States named. (July 1-Sept. 18, 1908.)	To study classification, habits, distribution, and economic value of grasses for use in the preparation of a manual of American grasses.	195. 60	Do.
Chilcoat, Ellery Channing	Agriculturist	New Orleans, La.; Fort Smith, Tex.; Chicago, Ill.; Hays, Kans.; Denver, Colo.; Fargo, N. Dak.; St. Paul, Minn.; and other points in the Great Plains area. (July 3-Aug. 4, 1908.)	To visit experiment stations and arrange for cooperative experiments and demonstrations in dry-land agriculture.	323. 41	Do.
Do.	do.	Chicago, Ill.; Minneapolis, Minn.; and Fargo, N. Dak. (Aug. 18-31, 1908.)	To attend meeting of Cooperative Experiment Association of the Great Plains area and consult with officials of experiment stations and others relative to dry-land farming.	105. 05	Do.
Do.	do.	Cheyenne, Wyo. (Feb. 20-28, 1909)....	To confer with officers of the state experiment station and others interested in the cooperative work of dry-land agriculture.	134. 80	Do.

Do.....	.....do.....	San Antonio, Tex.; Yuma, Ariz.; San Francisco, Cal.; Klamath Falls, Oreg.; Boise City, Idaho; Billings, Mont.; Fargo, N. Dak.; Ogden, Utah; Denver, Colo.; Minneapolis, Minn.; and other points in western United States. (Apr. 25-June 1, 1909.)	To inaugurate cooperation with the work of the office of Western Agricultural Extension, state experiment stations, and United States Reclamation Service interested in the establishment of investigations in dry-land agriculture.	457.55	Do.
Chilcote, Ellery Franklin.....	Special agent.....	Edgeley, N. Dak., to Washington, D. C. (Mar. 4-10, 1909.)	To write up notes of season's work and consult with officers of the department and experiment stations relative to cooperative investigations in dry-land agriculture.	112.35	General expenses, B. P. I., 1909.
Chubbuck, Levi.....	Expert.....	Denver, Colo.; Seattle, Wash., and Port Graham, Alaska. (Jan. 12-30, 1909.)	To inaugurate farm management investigations in Western States and study the possibilities of farming in Alaska.	184.40	Do.
Clarke, Fred W.....	Gardener.....	Pierce, Tex., to Washington, D. C., and return. (Sept. 14-Oct. 27, 1908.)	To consult officials of the bureau relative to arrangements for the construction of machines to be used in harvesting, curing, and splitting matting rushes, etc.	85.40	Do.
Clawson, Arthur B.....	Expert.....	Limon, Colorado Springs, Denver, and other points in Colorado. (May 17-June 30, 1909.)	Establishing laboratory at Mount Carbon, and studying plants poisonous to stock.	147.55	Do.
Cobb, Nathan A.....	Agricultural technologist.....	New York City and other points in New York and the New England States. (Aug. 18-Sept. 9, 1908.)	Investigating methods of cotton grading and paper testing, and getting information concerning scientific instruments for use in department laboratory.	27.40 26.01	Do. Paper tests, 1909.
Do.....	do.....	Milwaukee, Wis. (Oct. 24-28, 1908.)	To deliver a lecture on "The inner structure of grain as relating to flour and bread," before the Bakers' Institute.	61.00	General expenses, B. P. I., 1909.
Do.....	do.....	New York, N. Y.; Vineland, N. J.; Cambridge and Boston, Mass. (Jan. 12-20, 1909.)	To investigate vacuum conditions and possibilities of mineral imitations of cotton.	26.69 33.05	Do. Paper tests, 1909.
Do.....	do.....	Boston, Mass., and Portland, Me. (June 2-5, 1909.)	Investigating manufacture of paper from corn stalks.	47.90	Do.
Do.....	do.....	Philadelphia, Pa., and return. (June 14-16, 1909.)	Investigating matters pertaining to paper test work in that vicinity.	18.02	Do.
Do.....	do.....	Rochester, N. Y., and return. (June 14-16, 1909.)	Investigating laboratory apparatus for use in connection with paper tests.	25.00	Do.
Cocke, R. P.....	Special agent.....	Chatham, Va., to Washington, D. C., and return. (Mar. 15-Apr. 3, 1909.)	To confer with officials of the Bureau of Plant Industry relative to experimental tobacco work.	20.93	General expenses, B. P. I., 1909.
Coit, Jennie L.....	Clerk.....	Fargo, N. Dak., and return. (Aug. 22-30, 1908.)	To make a stenographic report of proceedings of the meeting of the Cooperative Experiment Association of the Great Plains area.	100.50	Do.
Cole, John S.....	Special agent.....	Dodge City, Kans. (Jan. 8-23, 1909.)	To engage in farmers' institute work in cooperation with the Kansas State Experiment Station.	99.10	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Cole, John S.....	Special agent.....	Denver, Colo.; Garden City, Kans.; Akron, Colo.; North Platte, Nebr.; Billings, Mont.; Dickerson, N. Dak.; Amarillo, Tex.; and other points in States named. (Mar. 2-June 30, 1909.)	Inspecting cooperative work, visiting experiment stations and farmers to obtain information concerning climatic and biological conditions, and encourage cooperation between experiment stations and the farmers and settlers of the Great Plains area.	\$436.06	General expenses, B. P. I., 1909.
Collins, Guy N.....	Assistant botanist.....	Omaha, Nebr. (Dec. 9-21, 1908).....	To attend the National Corn Exposition and investigate methods of corn breeding.	105.61	General expenses, 1909.
Collins, J. Franklin.....	Special agent.....	Providence, R. I., to Washington, D. C., and intermediate points. (Mar. 26-27, 1909.)	Conference with the pathologist in charge of forest pathology.	64.16	Do.
Do.....	do.....	New York City, Westbury, N. Y.; Princeton, N. J.; Marrio Forge, Pa.; and other points in States named. (Mar. 27-June 30, 1909.)	To investigate the nature, distribution, and control of the bark disease of the chestnut.	341.13	Do.
Conner, Arthur B.....	Scientific assistant.....	Chillicothe, Tex., to Fort Worth, Tex. (Dec. 1, 1908-Mar. 3, 1909.)	To prepare report of season's work and continue investigations in forage crop testing.	87.65	Purchase and distribution of valuable seeds, 1909.
Connor, Louis G.....	Special agent.....	Oneida, Rochester, Belfast, and other points in New York, New Jersey, Michigan, and Ohio. (July 1-Sept. 5, 1908.)	Investigating the relation between weight and volume of hay, marketing and grading, and methods of handling hay on farm.	336.84	General expenses, 1909.
Do.....	do.....	Oneida, Rochester, Belfast, and other points in New York, New Jersey, Michigan, and Ohio. (Nov. 11-24, 1908.)	do.....	330.60	Do.
Cook, Orator F.....	Bionomist.....	Brownsville, Del Rio, Falfurrias, Kerrville, San Antonio, Victoria, and Houston, Tex.; Yuma, Sacramento, Ariz.; Burkeville and San Francisco, Cal. (Aug. 24-Oct. 31, 1908.)	Supervising and studying experiments to test the weevil-resistant and drought-resistant characters and varieties of cotton and crossing and acclimatization of cotton and corn.	388.20	Do.
Corbett, Lee C.....	Horticulturist.....	Niagara Falls and Rochester, N. Y., and return. (Aug. 18-21, 1908.)	To attend convention of American florists in the interest of school gardens for the public schools.	32.25	Do.
Do.....	do.....	Norfolk, Va., and return. (Sept. 1-24, 1908.)	To attend meeting of Board of Control of Virginia, truck experiment station, and inspect experiments at the station and upon neighboring farms.	23.95	Do.

Do.....	do.....	Norfolk, Va.; Cleveland, Ohio; and intermediate points. (Oct. 27-Nov. 1, 1908.)	To attend meeting of Southern Produce Exchange; also meetings of the Greenhouse Vegetable Growers' Association, investigating truck crop conditions, etc.	50.90	Do.
Do.....	do.....	Trenton, N. J.; Rochester, N. Y.; and Dover, Del. (June 6-29, 1909.)	To attend meeting of the New Jersey Horticultural Society; also meeting of the Evaporated Fruit Producers' Association and the Peninsula Horticultural Society.	60.60	Do.
Do.....	do.....	Abingdon, Norfolk, Va., and vicinity. (Mar. 13-Apr. 8, 1909.)	Inspecting horticultural conditions and assisting in inaugurating cooperative truck crop associations.	32.80	Do.
Do.....	do.....	Lorton, Va., and return. (May 17, 1909.)	Inspecting location for establishing of District of Columbia reformatory.	6.15	Do.
Cory, Victor L.....	Scientific assistant.	McPherson to Manhattan, Kans.; Akron, Colo.; and Washington, D. C., and return. (Nov. 7, 1908-Mar. 9, 1909.)	To confer with officials of the Bureau of Plant Industry, prepare reports on the season's work, and assist in laboratory work with grain experiments.	134.63	Do.
Cotton, John S.....	do.....	Pierre, Rapid City, S. Dak.; Billings, Mont.; Kansas City, Mo.; Reno, Nev.; Denver, Colo.; and other points in States named. (July 1-Sept. 1, 1908.)	To study farm practice in the production of forage for beef cattle, sheep, and horses.	410.25	Do.
Do.....	do.....	Fargo, N. Dak.; Miles City, Mont.; New Brighton, Minn.; Chicago, Ill.; and White Pigeon, Mich.; and other points in States named. (Sept. 29-Nov. 15, 1909.)	do.....	191.17	Do.
Do.....	do.....	Lexington, Richmond, Nashville, and other points in Kentucky and Tennessee. (Apr. 29-May 17, 1909.)	do.....	99.82	Do.
Do.....	do.....	Roanoke and other points in Virginia (June 13-27, 1909.)	do.....	69.76	Do.
Coville, Frederick V.....	Botanist.	Orono, Cherryville, Me.; Boston, Brookline, Mass.; and Greenfield, N. H. (July 15-Aug. 7, 1908.)	To study conditions of growth of native blueberries and procure superior stock for purposes of cultivation.	71.37	Do.
Do.....	do.....	Manti National Forest, Utah; Upper Klamath River region of southern Oregon and the Wallowa National Forest of northern Oregon. (Aug. 16-Oct. 5, 1908.)	To procure stocks of the cold and drought-resistant wild plum for domestic cultivation, to inspect cooperative work on forest grazing lands, and study grazing problems, including coyote-proof pasture experiments.	361.97	Do.
Do.....	do.....	Greenfield, N. H. (June 2-5, 1909.)	Set out blueberry plants and inspect plantings of last season.	40.90	Do.
Cox, Herbert R.....	Scientific assistant.	Marietta, Ohio; Sycamore, La Fayette, Ill.; Janesville, Wis.; Ames, Iowa; Perry, Okla.; St. Louis, Mo., and other points in States named. (July 15-Sept. 14, 1908.)	To study weed problems with special reference to methods of eradicating or controlling wild morning glory.	259.38	Do.
Do.....	do.....	New Brunswick, N. J.; Bethlehem, Pa.; and New York, N. Y. (Oct. 12-16, 1908.)	do.....	33.04	Do.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Cox, Herbert R	Scientific assistant	Harrisburg, Pa.; Cleveland, Ohio; Syracuse, N. Y.; Springfield, Mass.; Burlington, Vt.; Portland, Me.; and other points in States named. (May 3–June 23, 1909.)	To study eradication or control of weeds and investigate the relation of weeds to the tillage needs of corn.	\$262.41	General expenses, 1909.
Cron, Alexander B	Assistant in grain standardization.	Baltimore, Md., and return. (Feb. 16–20, 1909.)	To assist in grain standardization laboratory.	10.70	Do.
Do	do	Baltimore, Md., and return. (Mar. 30–Apr. 3, 1909.)	do	13.90	Do.
Do	do	Baltimore, Md., and return. (Apr. 4–12, 1909.)	do	14.30	Do.
Crump, F. M	Collaborator	Memphis, Tenn., to Washington, D. C., and return. (Jan. 30–Feb. 4, 1909.)	To confer with officers of the department relative to establishment of official grades for American cotton.	112.20	Do.
Dennis, Samuel J	Expert in refrigeration	Wilmington, Del.; Philadelphia, Pa.; and other points in States named. (Sept. 1–Oct. 11, 1908.)	To inspect experimental refrigerating plant in process of construction.	98.50	Do.
Do	do	Philadelphia, Pa., and return. (Oct. 12–Nov. 26, 1908.)	To supervise the installation of machinery in the experimental precooling plant to be used in connection with fruit transportation, and storage investigations.	102.34	Do.
Do	do	Philadelphia, Pa.; New York, N. Y.; and adjacent points. (Nov. 30–Dec. 2, 1908.)	do	113.98	Do.
Do	do	do	To confer with railroad officials regarding the transportation of portable refrigerating plant.	110.55	Do.
Do	do	Riverside and other points in California (Mar. 19–June 30, 1909.)	To prosecute cooling investigations in connection with fruit transportation and storage.	407.50	Do.
Derr, Harry B	Agronomist	College Park and other points in Maryland. (July 1–Aug. 6, 1908.)	To assist in grain experiments, especially with barley, in cooperation with the Maryland Agricultural Experiment Station.	12.30	Do.
Do	do	Minneapolis, Minn.; Brookings, S. Dak.; Fargo, N. Dak.; Bozeman, Mont.; Logan, Nephi, Utah; Laramie, Wyo.; Fort Collins, Akron, Leadville, Colo.; and Lincoln, Nebr. (Aug. 6–Sept. 2, 1908.)	Inspecting cooperative cereal work, especially barley, visiting agricultural experiment stations and other barley growers, taking notes and planning new trials and experiments in grains.	272.56	Do.
Do	do	Raleigh, N. C.; Knoxville, Concord, Tenn. (May 23–29, 1909.)	do	67.37	Do.

Dewey, Lyster H.....	Botanist.....	Lexington, Frankfort, Paris, Ky.; Logansport, Ind.; La Crosse, Madison, and Waupun, Wis. (Sept. 1-12, 1908.)	To investigate growth of hemp, especially from seed distributed by the Department of Agriculture, observing methods of harvesting, and consulting manufacturers regarding production and uses of fibers and to inspect machinery for preparing ramie fiber, etc.	111. 39	Do.
Do.....	do.....	Providence, R. I., and return. (Dec. 3-5, 1908.)	To investigate fiber-cleaning machinery.....	27. 40	Do.
Do.....	do.....	Lexington, Ky., and vicinity. (Jan. 25-28, 1908.)	To investigate machine hemp brake and discuss new methods of retting and handling hemp, and writing up notes for bulletin on hemp.	48. 85	Do.
Do.....	do.....	Tallah, La.; Chattanooga, Tenn.; Jackson, Miss.; and other points in States named. (Mar. 24-Apr. 3, 1909.)	To supervise planting of hemp seed, inspect machinery for breaking hemp, etc.	84. 93	Do.
Do.....	do.....	Madison and other points in Wisconsin (May 1-27, 1909.)	To arrange for breaking hemp grown in co-operation with experiment stations.	171. 49	Do.
Do.....	do.....	Philadelphia, Pa., and return. (June 19, 1909.)	To examine a fiber-testing machine.....	8. 10	Do.
Dillman, Arthur C.....	Expert.....	Bellefourche, S. Dak., to Washington, D. C. (Sept. 21-30, 1908.)	To confer with officials of the Bureau of Plant Industry, engage in laboratory work, and make report of the season's investigations and experiments.	60. 36	Do.
Do.....	do.....	Akron, Colo.; Brookings and Bellefourche, S. Dak. (Mar. 10-May 14, 1909.)	Consultation at experiment stations relative to drought-resistant forage plants, and to continue experiments in breeding drought-resistant crop plants.	117. 70	Do.
Doane, Duane H.....	Scientific assistant.....	Columbia, Sedalia, and points throughout the States of Missouri, Kansas, Nebraska, Wyoming, Montana, South Dakota, Minnesota, Iowa, Illinois, Indiana, and Ohio. (July 1-Dec. 14, 1908.)	Studying farm practices with green forage crops for feeding sheep.	600. 95	Do.
Do.....	do.....	Chattanooga, Murfreesboro, Nashville, Tenn.; Frankfort, Ky.; St. Louis, Joplin, Columbia, Mo.; and other points in States named. (Mar. 5-Apr. 10, 1909.)	To study systems of farm management and assist farmers in improving their methods of management.	318. 93	Do.
Dodge, Lawrence G.....	do.....	Albany, Buffalo, Ithaca, N. Y.; Boston, Salem, Mass.; Washington, Conn.; Caribou, Me.; and other points in States named. (July 3-Aug. 31, 1908.)	do.....	216. 67	Do.
Do.....	do.....	Rushville, Nebr.; Greeley, Salida, Pueblo, and other points in Colorado. (Sept. 1-Oct. 25, 1909.)	Investigating the potato industry, including facilities for marketing.	292. 77	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Dodge, Lawrence G.....	Scientific assistant.....	Boston, Beverly, Newberry, Mass.; Rochester, East Corinth, Woodstock, Vt.; Exeter, Durham, Manchester, N. H.; and other points in States named. (Nov. 3—Dec. 10, 1908.)	Interviewing Massachusetts Industrial Commission, railroad officials, superintendent of schools, and visiting farmers in the interest of improved methods of farm management.	\$108.92	General expenses, 1909.
Do.....	do.....	Benton, Pa. (June 12-13, 1909.)	To deliver an address on various phases of farm management before a farmers' meeting.	8.50	Do.
Do.....	do.....	Gaylord, La.; Mount Pleasant, Mich.; and Kenton, Ohio. (Feb. 16-26, 1909.)	To deliver addresses on systems of farm management before potato growers' associations and farmers' institutes.	71.22	Do.
Do.....	do.....	Bethel, Vt.; Hartford, New Haven, and other points in Connecticut. (Mar. 10-18, 1909.)	To deliver addresses at a series of farmers' meetings held under the auspices of the State Grange, and study farm practices in that section.	49.74	Do.
Do.....	do.....	Norfolk, Va.; Beverly, Mass.; Durham, N. H.; Orono, Me.; Rochester, Ithaca, Delhi, N. Y.; and other points in States named. (Mar. 27—June 30, 1909.)	To continue studies in farm management, and interviewing farmers concerning cropping systems, rotations, methods of growing and handling crops, and general farm problems.	162.83	Do.
Dodson, W. R.....	Collaborator.....	Baton Rouge, La., to Washington, D. C., and return. (Feb. 6-11, 1909.)	To confer with officials of the Bureau of Plant Industry regarding cooperative work at the Louisiana Experiment Station.	79.08	Do.
Doyle, Conrad B.....	Field assistant in biologic investigations.	San Antonio, Del Rio, and Kerrville, Tex. (Aug. 11—Sept. 21, 1908.)	Collecting cotton and photographing selections of same, assisting in preparation of scientific report, and investigating wilt-resistant and drought-resistant varieties of cotton and corn.	237.15	Do.
Drake, J. Allen.....	Assistant agriculturist.....	New York, N. Y.; Benton Harbor, Mich.; Crown Point, Ind.; Chicago, Ill.; and other points in States named. (July 27—Aug. 31, 1908.)	Studying conditions and outlining plans for farmers of the Agricultural Guild of the University of Chicago, conferring with experiment station officials and farmers regarding farm management work, and studying farm practices on swamp and marsh lands with reference to crops and most profitable management of such land.	263.87	Do.

Do.....	do.....	Unichsville, Wooster, Ohio; Tecumseh, Battle Creek, Mich.; Chicago, Barrington, Ill.; Madison, Tomah, Wis.; Minneapolis, Duluth, Minn.; Belmont, Hampton, Iowa; Elkton, S. Dak.; and other points in States named. (Sept. 21-Oct. 23, 1908.)	Outlining cropping systems, planning cooperative demonstration work, studying practices and experiments on swamp land with special reference to drainage problems.	237. 15	Do.
Do.....	do.....	Wooster, Columbus, Cleveland, and other points in Ohio. (Nov. 19-Dec. 24, 1908.)	Attending meetings of farmers' institutes and visiting farmers for the purpose of planning cooperative demonstration work. Delivering addresses on different phases of farm management at a series of farmers' institutes.	175. 20	Do.
Do.....	do.....	Columbus and other points in Ohio. (Jan. 12-31, 1909.)	do.....	100. 15	Do.
Do.....	do.....	Cleveland, Wooster, and other points in Ohio. (Sept. 6-26, 1908.)	Studying farm conditions to obtain information which will enable the Department to assist farmers in improving their systems of management.	107. 38	Do.
Do.....	do.....	Cincinnati, Columbus, Delaware, Marion, and other points in Ohio. (Apr. 6-May 1, 1909.)	do.....	125. 41	Do.
Do.....	do.....	Cincinnati, Columbus, Delaware, Marion, and other points in Ohio. (June 23-30, 1909.)	do.....	117. 00	Do.
Duvel, J. W. T.....	Assistant in grain standardization.	Travel between Washington, D. C., and Baltimore, Md. (July 16-Aug. 24, 1908.)	To supervise work of the grain standardization laboratory.	21. 43	Do.
Do.....	do.....	Columbus, Ohio; Chicago, Ill.; St. Paul, Duluth, Minn.; and adjacent points. (Aug. 13-Sept. 30, 1908.)	To confer with railroad officials relative to transportation of grain, establishing laboratory at Fargo, inspect conditions of milling wheat, and conduct general investigations of value in connection with work of grain standardization.	118. 55	Do.
Do.....	do.....	Baltimore, Md., and Philadelphia, Pa.	Supervising administrative work of laboratories, and examining special apparatus for work in grain transcoartation.	13. 90	Do.
Duvel, J. T. W.....	do.....	Chicago, Springfield, Decatur, Bloomington, Centralia, Ill.; St. Louis, Mo.; Memphis, Tenn.; and New Orleans, La. (Nov. 26-Dec. 24, 1908.)	To address convention of Grain Growers' Association at Springfield, confer with railroad officials relative to deterioration of grain in transit, inspect work of laboratories, and to establish a laboratory in the corn belt.	244. 11	Do.
Do.....	do.....	Baltimore, Md., and Philadelphia, Pa. (Dec. 30, 1908-Mar. 12, 1909.)	Supervising work of laboratory and arranging for special experiments in storage of grain.	25. 45	Do.
Do.....	do.....	New Orleans, La.; St. Louis, Mo.; Decatur, Chicago, Ill., and intermediate points. (Mar. 31-Apr. 21, 1909.)	Investigating the deterioration of grain in transit and storage, studying quality and conditions of grain delivered at grain elevators, inspecting and supervising work at grain standardization laboratory.	193. 50	Do.
Do.....	do.....	New Orleans, La., and return. (May 1-9, 1909.)	do.....	102. 60	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Duvel, J. T. W.....	Assistant in grain standardization.	Travel between Washington, D. C., and Baltimore, Md. (May 26-June 3, 1909.)	To conduct investigations in storage experiments with grain in elevators.	\$13. 90	General expenses, 1909.
Do.....	do.....	Baltimore, Md., and Philadelphia, Pa. (June 9-30, 1909.)	do.....	16. 05	Do.
Ellis, Lynn W.....	Assistant in farm management.	Wooster, Ohio; Chicago, Ill.; Cedar Rapids, Iowa; Minneapolis, Minn.; Winnipeg, Manitoba, Fargo, N. Dak.; Stockton, Cal.; Omaha, Nebr.; Garden City, Kans.; Albuquerque, N. Mex., and other points in States named. (July 21-Oct. 26, 1908.)	Visiting colleges, experiment stations, schools, implement manufacturers, and farmers to study farm practices and methods of equipment and establish cooperative investigations in farm equipment.	560. 49	Do.
Do.....	do.....	Columbus, Ohio, and return. (Nov. 21-26, 1908.)	To attend meeting of the Ohio State Corn Improvement Association and confer with the committee on tools and methods, and others, for the purpose of establishing cooperative investigations in farm equipment.	40. 85	Do.
Do.....	do.....	Wooster, Ohio; La Porte, Ind.; Chicago, Ill.; Cedar Rapids, and other points in Iowa. (June 2-8, 1909.)	To confer with manufacturers of farm machinery, investigating development of gas tractors, consult school teachers relative to classes in farm arithmetic.	45. 73	Do.
Do.....	do.....	Wooster, Columbus, and other points in Ohio. (Feb. 15-Apr. 24, 1909.)	Consult with experiment station officials, manufacturers, and farmers relative to farm equipment.	81. 65	Do.
Do.....	do.....	Wooster, Ohio; Ames, Iowa; Columbia, Mo., and other points in States named. (Apr. 27-June 21, 1909.)	do.....	175. 01	Do.
Estabrook, Arthur H.....	Expert in plant pathology.	Marshallville, Atlanta, Ga.; Memphis, Tenn.; Birmingham, Ala.; Springfield, St. Louis, Anderson, Mo., and Benton, Ark. (July 1-Aug. 6, 1908.)	To make orchard spraying demonstrations and experiments in connection with fruit disease investigations.	121. 09	Do.
Euslace, Harry J.....	Expert in fruit storage.	Geneva and Ithaca, N. Y. (July 1-23, 1908.)	Arranging for cooperative work in connection with fruit-storage investigations.	27. 69	Do.
Evans, Morgan W.....	Scientific assistant.	Pullman, Wash., to Washington, D. C. (Dec. 16, 1908-Jan. 2, 1909.)	To consult with officers of the Bureau of Plant Industry and write up report of last season's work.	90. 70	Purchase and distribution of valuable seeds, 1909.
Do.....	do.....	Pottersville, Pa.; Ithaca, N. Y.; Spokane and Pullman, Wash. (Mar. 19-Apr. 2, 1909.)	Conferences relative to alfalfa seed production, and to resume work at the station on testing forage crops in cooperation with the farmers of Washington.	183. 37	Do.

Farrell, Francis D.	do.	Nephi, Utah, to Salt Lake City, Utah; Marshall, Tex.; and Washington, D. C. (Nov. 5-14, 1908.)	To confer with millers and grain growers at Salt Lake City and the superintendent of Marshall experiment farm, engage in laboratory work with grains in Washington, D. C., and prepare report of past season's work.	125.25	General expenses, 1909.
Do.	do.	Ithaca, N. Y.; Chicago, Ill.; Salt Lake City and Nephi, Utah. (Mar. 16-24, 1909.)	To confer with officials of grain laboratories, and take charge of the cooperative dry land grain investigations in cooperation with the Utah Experiment Station at Nephi, Utah.	140.65	Do.
Fairchild, David G.	Agricultural explorer	New York, N. Y., and Kennebunk, Me. (Sept. 23-Oct. 10, 1908.)	To interview owner of a cork oak plantation, and consult authorities relative to matting plant and reed bath projects.	24.90	Do.
Fernald, J. F.	Mechanical assistant	Riverside and other points in California. (Mar. 14-June 30, 1909.)	To take charge of cars in transit to be used in connection with fruit transportation and storage investigations, and assist in conducting these investigations in California.	108.58	Do.
Fischer, Walter	Scientific assistant	Philadelphia, Pa.; New York, N. Y.; and Boston, Mass. (June 17-30, 1909.)	To interview importers and manufacturers for the purpose of obtaining information relative to process of manufacturing in which wood-oil (the commercial product of the nut of the wood-oil tree) is used, to inspect Chinese and other imported plants, and visit the Arnold Arboretum for conference relative to collections from China which would be available for purchase by the Department of Agriculture for distribution.	67.56	Purchase and distribution of valuable seeds (foreign seed and plant introduction), 1909.
Fitz, Leslie A.	do.	Fargo, N. Dak., to Washington, D. C., and return. (June 6-30, 1909.)	To confer with the crop technologist in charge of the grain standardization laboratory and other officers of the Bureau of Plant Industry relative to investigations in milling and baking tests being conducted at Fargo in cooperation with the South Dakota Experiment Station.	164.04	General expenses, 1909.
Fletcher, William F.	do.	Marshall, Alberta, Slocan Springs, and points throughout the States of Arkansas, Missouri, Oklahoma, and Louisiana. (July 1-Sept. 14, 1908.)	Studying conditions of fruit, securing phenological data and other information relating to fruit district investigations.	380.88	Do.
Do.	do.	Martinsburg, Inwood, and Keyser, W. Va. (Sept. 15-26, 1908.)	Collecting cross-pollinated apples.	14.70	Do.
Do.	do.	Experiment, Atlanta, and other points in Georgia. (Mar. 1-Apr. 10, 1909.)	Collecting herbarium specimens, making phenological records, photographing fruit trees, studying conditions, and other work of value in prosecuting fruit district investigations.	89.48	Do.
Do.	do.	Keyser, Martinsburg, and Gerrardstown, W. Va. (Apr. 18-May 24, 1909.)	do.	36.18	Do.
Do.	do.	Geneva, N. Y., and return. (May 7-June 19, 1909.)	do.	51.09	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Fletcher, William F.....	Scientific assistant.....	Geneva, N. Y., and return. (June 23-29, 1909.)	Collecting herbarium specimens, making phenological records, photographing fruit trees, studying conditions, and other work of value in prosecuting fruit district investigations.	\$9.26	General expenses, 1909.
Foubert, C. L.....	Chemist aid.....	Suifield, Tariffville, and other points in Connecticut. (Aug. 5-Sept. 14, 1908.)	Conducting curing experiments with tobacco and making selections in connection with the nicotine breeding experiments.	96.57	Do.
Froley, John W.....	Scientific assistant.....	Erin, Waverly, Centralia, Hohenwald, Dickson, and Unionville, Tenn. (Aug. 18-27, 1908.)	Addressing farmers' meetings on the subject of farm management, visiting farmers and experiment stations to study systems of farm management.	88.27	Do.
Do.....	do.....	College Park and other points in Maryland. (Dec. 27-31, 1908.)	To study systems of intensive farming.....	9.20	Do.
Do.....	do.....	Rechtortown, Va., and return. (Feb. 16-18, 1909.)	Making survey of farms, with a view to working out suitable farm plans for cropping systems and methods of management.	5.00	Do.
Do.....	do.....	Rechtortown, Va., and return. (Mar. 16-17, 1909.)	do.....	5.00	Do.
Do.....	do.....	Havre de Grace, Md.; Lakewood, N. J.; Flatbush, Amsterdam, and Waterville, N. Y. (May 17-22, 1909.)	To study poultry-farm plans and equipment.	43.04	Do.
Do.....	do.....	Rechtortown, Va., and return. (May 26, 1909.)	To secure data for making farm plans.....	2.50	Do.
Galloway, B. T.....	Chief of bureau.....	New York, N. Y.; and Boston, Mass. (Sept. 16-21, 1908.)	General supervision of the field work of the bureau.	53.59	Do.
Do.....	do.....	Chicago, Ill.; Manhattan, Kans.; Columbia, Kansas City, Mo.; and other points in States named. (Oct. 20-Nov. 1, 1908.)	do.....	100.60	Do.
Do.....	do.....	New York, N. Y.; Lakewood, N. J.; and Philadelphia, Pa. (Dec. 31, 1908-Jan. 2, 1909.)	do.....	23.85	Do.
Gardner, Stephen Franklin.	Mechanical engineer.....	Philadelphia, Pa., and return. (July 2-4, 1908.)	To inspect boiler plates.....	27.80	Buildings, Department of Agriculture.
Do.....	do.....	New York, N. Y., and return. (Aug. 7-9, 1908.)	To secure information relative to installation of underground steam pipes.	21.00	Contingent expenses, Department of Agriculture, 1909.
Do.....	do.....	Williamsport, Pa.; Detroit, Mich.; Chicago, Ill.; Madison, Wis. (Aug. 14-27, 1908.)	To inspect and test stoker-operating mechanism, motor-control apparatus, and other appliances and materials.	88.00	Buildings, Department of Agriculture.

Do.....	do.....	New York, N. Y., and Philadelphia, Pa. (Sept. 14-17, 1908.)	Secure information relative to comparative merits of vacuum cleaning systems of different manufacturers.	22. 70	Do.
Do.....	do.....	Bradford and Philadelphia, Pa. (Nov. 15-17, 1908.)	Make shop inspection and tests of vacuum cleaning machinery.	29. 44	Do.
Gainer, Wightman W.....	Scientific assistant.	Suffield, Hockanum, and Tariffville, Conn. (Aug. 8-31, 1908.)	To conduct tobacco experiments and make selections for nicotine breeding experiments.	79. 70	Do.
Do.....	do.....	Suffield, Conn., and return. (Sept. 12-26, 1908.)	Preparing leaf tobacco for analysis.....	60. 10	Do.
Garton, A. C.....	Clerk.	Fremont, Ohio; Marine City, Bay City, Saginaw, Sebawaing, Caro, Alma, Owasso, and Lansing, Mich. (Sept. 18-Oct. 3, 1908.)	Inspecting cooperative testing plats of sugar beets, examining soil, cultural conditions, and measuring areas to secure accurate computation of yields, and other work in connection with sugar-beet experiments.	102. 54	Do.
Gilbert, William W.....	Assistant pathologist.	Elizabeth and other points in New Jersey and New York, N. Y. (July 21-28, 1908.)	To carry on spraying experiments and other truck crop disease investigations.	47. 80	Do.
Do.....	do.....	Norfolk, Va.; Hartville, Lamar, and Monetta, S. C. (Apr. 19-30, 1909.)	Studying wilt disease of cotton and truck crops and superintending the planting of wilt-resistant watermelons and cotton.	66. 52	Do.
Do.....	do.....	Norfolk, Onley, Keller, Davis Wharf, Nandua, and Cape Charles, Va. (May 9-15, 1909.)	Investigating disease of peas and potatoes and other truck crops.	35. 04	Do.
Do.....	do.....	Norfolk, Va.; Seaford and Cambridge, Md. (June 1-5, 1909.)	Studying diseases of peas.....	43. 59	Do.
Do.....	do.....	College Park, Md. (22 trips). (Sept. 12, 1909.)	Completing work on pea experiments and investigating diseases of truck crops.	20. 41	Do.
Goll, Frank L.....	Aid in physiology.	College Park, Md. (22 trips). (Sept. 21-Dec. 2, 1908.)	Superintending the collecting of soil for the three-cornered experiment with Kansas and California.	31. 08	Do.
Goodrich, C. L.....	Expert.	Anderson, Greenville, Laurens, Newberry, Orangeburg, Sumter, Florence, Hartville, Winslow, Union, and Columbia, S. C. (July 19-Aug. 29, 1908.)	Assisting in farmers' institute work.....	34. 72	Do.
Do.....	do.....	do.....	Interviewing farmers and inspecting cooperative work on diversification.	113. 58	Do.
Do.....	do.....	Gaffney, Greenwood, Columbia, Aiken, and other points in South Carolina. (Nov. 18-27, 1908.)	Consulting with state commissioners of agriculture and others relative to the establishing of agricultural high schools, studying farm practice, and aiding farmers in planning cropping systems and improvement of farm methods.	136. 70	Do.
Do.....	do.....	Manning, Sumter, Columbia, S. C., and Statesboro, Ga. (Dec. 7-21, 1908.)	Inspecting cooperative legume plantings, addressing farmers' meetings, and carrying on demonstration work in farm management.	144. 04	Do.
Do.....	do.....	Columbia, Aiken, Sumter, Greenwood, Gaffney, and other points in South Carolina; and Wilmington, N. C. (Feb. 17-Mar. 29, 1909.)	To inspect growth and conditions of cooperative plantings, and continue demonstration work in farm practice and management.	237. 06	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Goodrich, C. L.	Expert.	Profit, Va., and vicinity. (June 1-3, 1909.)	To assist in planning school grounds for the Blue Ridge Industrial School. Studying farm practices and aiding farmers to improve their methods of management.	\$6.50	General expenses, 1909.
Do.	do.	Columbia, McBee, Due West, and Sumter, S. C.; Waterboro, Newton, Statesville, and Greenville, N. C. (June 13-30, 1909.)		105.28	Do.
Goss, Willard L.	Scientific assistant.	New Orleans, La.; Houston, Tex.; Mobile, Ala.; Jacksonville, Fla.; Savannah, Ga.; Charleston, S. C.; Wilmington, N. C.; and Norfolk, Va. (Jan. 24-Feb. 6, 1909.)		171.03	Do.
Do.	do.	Chicago, Aurora, La Grange, Montgomery, and other points in Illinois (Feb. 14-Mar. 5, 1909.)	To purchase samples of packet vegetable seeds to test for germinating quality.	143.56	Do.
Do.	do.	Bridgeport, New Haven, Waterbury, Hartford, Conn.; Springfield, Worcester, Woonsocket, Providence, Brockton, Boston, Mass.; Dover, Nashua, N. H.; and other points in States named. (Mar. 14-Apr. 6, 1909.)	To obtain information relative to use and disposal of seed screenings.	76.96	Do.
Gould, Harris P.	Pomologist.	Danton, Still Pond, Md.; Seaford, Wyoming, and Dover, Del.; Moorestown, Glassboro, Burlington, N. J.; and Philadelphia, Pa. (July 1-15, 1908.)	Inspecting garden and other seeds for adulteration.	53.31	Do.
Do.	do.	Willow Springs, Mo.; Springdale, Ark.; Akron, Colo.; Hutchinson, Kans.; and other points in States named. (July 28-Aug. 14, 1908.)	Studying varietal adaptability of fruit and making phenological records.	162.81	Do.
Do.	do.	Winchester, Va., and vicinity. (Sept. 22-26, 1908.)	To confer with farmers and fruit growers relative to fruit district investigations.	6.19	Do.
Do.	do.	Manassas and Winchester, Va. (Sept. 28-29, 1908.)	To inspect orchards.	8.83	Do.
Do.	do.	Cumberland, Md.; Paw Paw, Keyser, Gerrardstown, and other points in West Virginia. (Apr. 12-May 4, 1909.)	Cross-pollinating apples, taking notes, and other orchard work.	42.43	Do.

Grace, Oliver J.	Special agent.	Dickinson, N. Dak., to Washington, D. C., and return. (Oct. 27-Nov. 7, 1908.)	Writing up field notes of the season's work, and consultation with officials of the department concerning the cooperative work in the Great Plains area.	79.03	Do.
Do.	do.	Chicago, Ill.; Sioux City, Iowa; Edgely, Fargo, and Dickinson, N. Dak. (Jan. 19-28, 1909.)	To confer with officials of experiment stations and resume duties as assistant in dry-land agriculture at Dickinson Experiment Station.	82.36	Do.
Griffiths, David.	Agriculturist.	El Paso, Tex.; Alamogordo, N. Mex.; Tucson, Phoenix, Ariz.; Fresno, Sacramento, and Chico, Cal.; and other points in States named. (July 1-Oct. 8, 1908.)	Investigating growth and utilization of various species of cacti and studying systems of range management.	335.65	Do.
Do.	do.	Sacramento, Los Angeles, San Diego, Cal.; El Paso, San Antonio, Brownsville, Corpus Christi, Tex.; and other points in States named. (Feb. 19-Apr. 30, 1909.)	To distribute cactus stock among growers and conduct range and cacti investigations.	261.93	Do.
Hammersly, J. M.	Skilled laborer.	Round Hill, Fredericksburg, Westminster, and other points in Maryland and Virginia. (July 2-Aug. 22, 1908.)	Assisting Mr. C. P. Hartley in the selection of seed corn, weighing of yields, etc., from breeding plats.	261.93	Do.
Do.	do.	Pike-ton, Ohio, and return. (Oct. 27-Nov. 4, 1908.)	do.	54.20	Do.
Do.	do.	Round Hill, Va., and vicinity. (Nov. 11-27, 1908.)	do.	87.90	Do.
Do.	do.	Round Hill, Va., and vicinity. (Jan. 12-13, 1909.)	do.	14.40	Do.
Do.	do.	Round Hill and McLean, Va., and vicinity. (June 16-28, 1909.)	do.	5.20	Do.
Do.	do.	Chico, Cal. (Feb. 5-12, 1909.)	Thinning and hoeing experimental corn.	26.40	Do.
Hanley, Thomas.	Plant introducer.	Manchuria, Russia, Siberia, Turkistan, Africa, and Europe. (July 1, 1908-Mar. 31, 1909.)	To assist with work of plant propagation.	114.75	Foreign seed and plant introduction, 1909.
Hansen, N. E.	Agricultural explorer.	Norfolk, Portsmouth, and other points in Virginia. (Sept. 2-24, 1908.)	To secure seeds and plants of hardy forage crops, cereals, and fruits for introduction into the United States.	9,014.44	Do.
Harter, Leonard J.	Assistant pathologist.	Norfolk, Portsmouth, and other points in Virginia. (Oct. 14-17, 1908.)	To inspect experimental plats being grown in cooperation with the Virginia Truck Experimental Station.	13.50	General expenses, 1909.
Do.	do.	Norfolk, Va., and vicinity. (Nov. 25, 1908.)	Investigating diseases of potatoes, spinach, etc.	15.50	Do.
Do.	do.	Norfolk, Va., and vicinity. (Jan. 6-9, 1909.)	To investigate the decay of cabbage in storage.	52.98	Do.
Do.	do.	Norfolk, Va., and vicinity. (Feb. 16-25, 1909.)	Continuing experiments in diseases of truck crops.	17.45	Do.
Do.	do.	Travel between Washington, D. C., and Norfolk, Va., and vicinity. (Mar. 3-June 30, 1909.)	Investigating diseases of spinach and other vegetables.	15.50	Do.
Do.	do.		do.	13.63	Do.
Do.	do.		do.	87.35	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Hartley, Carl P.	Scientific assistant.	Martic Forge, Lancaster, Pa.; Baltimore, Md.; Milton and Harrington, Del. (Feb. 24-Apr. 19, 1909.)	Investigating the distribution and control of the bark disease of the chestnut.	\$72.51	General expenses, 1909.
Do.	do.	Lincoln, Halsey, Westminster, and other points in Maryland. (Apr. 27-June 30, 1909.)	Conducting investigations in the damping off of nursery stock, and studying diseases of ornamental trees.	136.79	Do.
Hartley, Charles P.	Physiologist.	Pike-ton, Sunbury, Sabina, Ohio; Oconomowoc, Wis.; Murre-sboro, Tenn.; and other points in States named. (July 5-Nov. 4, 1908.)	Making records of the year's work on experimental corn plats, weighing, grading, selecting and drying, and preparing for new planting.	312.02	Do.
Do.	do.	Gaffney, S. C., and return. (Nov. 18-21, 1908.)	To judge a state exhibition of corn, and make an address before farmers on general methods of corn improvement.	39.50	Do.
Do.	do.	Columbus, Ohio; Dover, Del., and vicinity. (Nov. 25-Dec. 3, 1908.)	do.	94.65	Do.
Do.	do.	Pike-ton, Ohio, and return. (May 5-13, 1909.)	Planting experimental corn plats.	45.50	Do.
Do.	do.	McLean and Fredericksburg, Va. (May 29-June 6, 1909.)	Planting corn breeding plats and assisting with farmers' institute meetings along the Rappahannock River.	21.70	Do.
Do.	do.	Travel between Round Hill and McLean, Va.; Westminster, Md.; and Washington, D. C. (June 17-29, 1909.)	Superintending thinning of experimental sweet corn breeding plats, and making records of experiments.	29.17	Do.
Hastings, S. H.	Farm superintendent.	San Antonio, Tex., to Washington, D. C., and return. (Dec. 9, 1908-Jan. 8, 1909.)	Writing up report of past season's work at the San Antonio Experiment Farm, and conferring with officials of the bureau concerning future plans.	184.88	Do.
Hawkins, Lon A.	Scientific assistant.	Lawton, Mich., and vicinity. (May 1-June 30, 1909.)	Investigating small-fruit diseases, spraying vineyards, collecting pathological material, and work in laboratory.	80.72	Do.
Hazen, Leslie A.	Special agent.	Hays, Kans., to Washington, D. C., and return. (Nov. 14-Dec. 14, 1908.)	Writing up field notes of season's work, and consulting with officers of the bureau concerning future cooperative work in dry-land agriculture.	60.22	Do.
Headley, Frank B.	Scientific assistant.	St. Louis, Mo.; San Antonio, Tex.; Yuma, Ariz.; Fallon, Nev.; Fort Collins, Colo.; and Minneapolis, Minn. (July 25-Sept. 12, 1908.)	Inspecting work of the Truckee-Carson Experiment Farm, planning new experiments, taking notes on crops, testing machinery, studying local soil problems, and interviewing officers of state experiment stations.	235.90	Do.

Do.....	do.....	234.05	Do.
Hedgcock, George G.....	Pathologist.....	101.96	Do.
Do.....	do.....	315.13	Do.
Do.....	do.....	404.48	Do.
Do.....	do.....	5.00	Do.
Do.....	do.....	2.95	Do.
Do.....	do.....	2.50	Do.
Hedges, Miss Florence.....	Scientific assistant.....	28.55	Do.
Hillman, Frederick H.....	Assistant botanist.....	70.89	Do.
Do.....	do.....	82.45	Do.
Hills, William D.....	Agricultural explorer.....	439.05	Do.
Hinson, Walter M.....	Crop technologist.....	233.06	Do.
Do.....	do.....	206.02	Do.
Do.....	do.....	174.41	Do.

St. Louis, Mo.; San Antonio, Tex.; Yuma, Ariz.; Fallon, Nev.; Fort Collins, Colo.; and Minneapolis, Minn. (Mar. 28-June 16, 1908.)
 Bernalillo and other points in New Mexico. (July 1-9, 1908.)

Shenandoah, Iowa; Nora, Nebr.; Topeka, Kans.; Louisiana, Mo.; Fayetteville, Ark.; Huntington, Ind.; and other points in States named. (Oct. 28-Nov. 24, 1908.)

New Orleans, Bogalusa, La.; Beaumont, Houston, San Antonio, Austin, Waco, El Paso, Tex.; Mesilla Park, Albuquerque, Bernalillo, Silver City, Pecos Altos, N. Mex.; Tucson, Nogales, Douglas, Ariz.; and other points in States named. (Mar. 20-May 2, 1909.)

Baltimore, Md., and return. (May 20-27, 1909.)

Baltimore, Md., and return. (June 4, 1909.)

Baltimore, Md., and return. (June 15, 1909.)

Boston and Woods Hole, Mass. (Aug. 3-Sept. 25, 1908.)

Gibbs, Holliday, Marshall, Houston, Grain Valley, Concordia, Smithton, Mount Vernon, Pierce City, and Easton, Mo. (Nov. 6-Dec. 6, 1908.)

Lincoln and points throughout the State of Nebraska. (Jan. 4-Feb. 19, 1909.)

China and Japan; Chico and other points in California. (July 1, 1908-Jan. 30, 1909.)

Palestine, Nagadoches, Tex.; Marion, Ala.; Tallahassee, Jacksonville, Fla., and other points in States named. (Aug. 1-Sept. 30, 1908.)

Palestine, Nagadoches, Tex.; Marion, Ala.; Tallahassee, Jacksonville, Fla., and other points in States named. (Oct. 1-Nov. 30, 1908.)

Palestine, Nagadoches, Tex.; Marion, Ala.; Tallahassee, Jacksonville, Fla., and other points in States named. (Feb. 10-Mar. 4, 1909.)

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Hinson, Walter M.	Crop technologist	Montgomery, Selma, Marion, Blocton, Ala.; Palestine, Nagadoches, Tex.; Quincy and Havana, Fla. (May 15-June 30, 1909.)	Making experiments for improvements in different varieties of tobacco by breeding and selection, methods of fertilization, etc., harvesting, curing, and other work connected with tobacco investigations.	\$274. 60	General expenses, 1909.
Hitchcock, Albert S.	Systematic agrostologist.	Portland, Oreg.; Tacoma, Wash.; Sacramento, Cal.; Benson, Ariz.; Guaymas, N. Mex.; El Paso, Tex.; Herkington, Kans.; St. Louis, Mo.; and other points in States named. (July 1-Oct. 5, 1908.)	To study the classification, habits, and economic value of grasses in connection with the preparation of a manual of American grasses.	300. 04	Do.
Do.	do.	Seattle, Wash., and points in Alaska. (May 30-June 30, 1909.)	do.	309. 97	Do.
Hosford, George W.	Assistant pathologist.	Los Angeles, Cal., to Washington, D. C., and return. (Oct. 31-Dec. 6, 1908.)	Conferring with officials of the Bureau of Plant Industry relative to work on fruit transportation and storage.	198. 15	Do.
Hunter, Byron.	Assistant agriculturist.	Walla Walla, Wash., to Washington, D. C., and return. (Jan. 28-Mar. 14, 1909.)	To confer with officers of the Bureau and outline plans for future work in farm management districts.	222. 15	Do.
Husmann, George C.	Pomologist.	Vineland, N. J., and return. (Aug. 24-26, 1908.)	To investigate pruning experiments and other work in connection with the cooperative experimental vineyards in that section.	14. 23	Do.
Do.	do.	Willard, Rocky Mount, and Enfield, N. C. (Sept. 12-15, 1908.)	Inspecting and taking notes on conditions of vineyard plantings, and nursery and pruning experiments, and packing and shipping Scuppernon grapes to the department for unfermented grape juice purposes.	27. 45	Do.
Do.	do.	New York, N. Y.; Chicago, Ill.; Ogden, Utah; Sacramento, Oakville, Los Angeles, Natta, San Francisco, and Chico, Cal.; and other points in States named. (Sept. 23-Nov. 23, 1908.)	Making saccharine and acid tests of grapes, studying varieties, and other vineyard work in connection with viticultural investigations.	373. 93	Do.
Do.	do.	New York, N. Y., and return. (Dec. 7-9, 1908.)	To attend annual meeting of the American Wine Growers' Association and delivering lectures on "The viticultural work of the department."	28. 45	Do.

Do.	do.	Vineland, N. J., and return. (Jan. 25-27, 1909.)	Giving instruction relative to pruning, staking, and general treatment in cultivation of vineyards at the Home for the Feeble-Minded.	5. 48	Do.
Do.	do.	Smymna, Willard, and Enfield, N. C. (Feb. 5-16, 1909.)	Making pruning experiments on rotundifolius, taking photographs, and giving instructions in cultivation of vineyards.	100. 00	Do.
Do.	do.	Willard, N. C., and return. (Apr. 6-13, 1909.)	do.	25. 45	Do.
Do.	do.	Vineland, N. J., and return. (Apr. 21-23, 1909.)	Supervising preparation of land and planting experimental vineyards at the Home for Feeble-Minded.	14. 68	Do.
Do.	do.	Ithaca, N. Y., and Vineland, N. J. (May 28-June 13, 1909.)	For consultation relative to qualifications of applicants for positions in viticultural research work, and giving instructions on cultivation of vineyards.	38. 78	Do.
Do.	do.	Charlottesville, Va., and vicinity. (June 21-23, 1909.)	do.	14. 20	Do.
Hutcheson, Thomas B.	Crop technologist.	Blacksburg, Va., to Washington, D. C., and return. (Dec. 21-24, 1908.)	To consult with officers of the bureau relative to tobacco investigations.	21. 85	Do.
Jardine, William M.	Agronomist.	Ithaca, Buffalo, N. Y.; Chicago, Ill.; Minneapolis, Minn.; Fargo, N. Dak.; Bellefourche, S. Dak.; Sidney, Nebr.; Logan, Utah; Bozeman, Mont.; Cheyenne, Wyo.; Juliaetta, Idaho, and Baker City, Ore. (July 1-Sept. 24, 1908.)	To investigate grain production, inspect cooperative work in dry-land cereals on irrigation projects, confer with grain dealers and millers, and other work in grain investigations and dry farming.	409. 98	Do.
Do.	do.	Cheyenne, Wyo.; Pocatello, Idaho Falls, Idaho; Ogden, Logan, Utah; Portland, Corvallis, and other points in Oregon. (Feb. 20-Apr. 1, 1909.)	To attend sessions of the Trans-Missouri Dry Farming Congress, inspect dry farming conditions, assist in establishing dry farming station in eastern Oregon, and visit experiment stations for consultation relative to dry-land cereals.	293. 30	Do.
Do.	do.	Albuquerque, N. Mex.; El Paso, Tex.; Tucson, Ariz.; Los Angeles, Fresno, Modesto, Berkeley, and Sacramento, Cal.; Reno, Fallon, Nev.; Salt Lake City, Utah; Akron and Denver, Colo. (May 10-June 13, 1909.)	Visiting state experiment stations and dry farming districts, and planning cooperative work with dry-land grains.	307. 28	Do.
Jeffers, Leonard M.	Assistant in grain standardization.	Decatur, Ill., to Washington, D. C., and return. (June 9-25, 1909.)	For conference with officers of the bureau relative to work of the past season and plans for future work in grain standardization.	56. 55	Do.
Jensen, Charles A.	Agriculturist.	Bellefourche, S. Dak., to Washington, D. C., and return. (Dec. 1, 1908-Mar. 7, 1909.)	Writing up notes of season's work and consulting officers of the bureau relative to dry-land experiments conducted at Bellefourche substation.	133. 70	Do.
Johnson, Edward C.	Pathologist.	Minneapolis, Fargo, and other points in Minnesota and North Dakota. (July 1-Sept. 2, 1908.)	To attend meeting of the Great Plains Cooperative Experiment Association, inspect work in cereal diseases and plant breeding at experiment station, and plan new experiments in field and laboratory work on cereal diseases.	153. 35	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Johnson, Edward C.....	Pathologist.....	San Antonio, Fort Worth, Amarillo, Tex.; Stillwater, Guthrie, Okla.; Ithaca, N. Y.; and other points in States named. (Apr. 1-June 29, 1909.)	Investigating rusts, "spikelet sterility" of wheat, smuts, and other diseases of grains.	\$318.97	General expenses, 1909.
Johnston, John R.....	Scientific assistant.....	New York, N. Y.; Santiago, Baracoa, Cuba, and return. (Oct. 6-Dec. 3, 1908.)	To study nature of coconut bud rot and effect of inoculation with pure cultures of bacteria, and conduct spraying experiments.	297.15	Do.
Kearney, Thomas H.....	Physiologist.....	Chicago, Ill.; North Platte, Nebr.; Hazen, Reno, Fallon, Nev.; Cheyenne, Wyo.; and other points in the Great Plains area and western United States. (July 4-Aug. 9, 1908.)	To study conditions and make experiments with alkali and drought-resisting plants, making alkali tests, studying value of native vegetation, and breeding Japanese cotton for the Southwest.	322.08	Do.
Do.....	do.....	Chicago, Ill.; North Platte, Nebr.; Hazen, Reno, Fallon, Nev.; Cheyenne, Wyo.; and other points in the Great Plains area and western United States. (Aug. 27-Oct. 18, 1908.)	do.....	337.90	Do.
Do.....	do.....	Chicago, Ill.; North Platte, Nebr.; Denver, Colo.; and Yuma Ariz. (June 6-29, 1909.)	do.....	150.95	Do.
Keller, Charles P.....	Gardner.....	Indianapolis and other points in Indiana. (Jan. 25-Feb. 5, 1909.)	To attend convention of the Carnation Society of the United States and inspect stock, report upon methods of growing and treatment employed by the large commercial florists.	48.05	Purchase and distribution of valuable seeds, 1909.
Kellerman, Karl F.....	Physiologist.....	Fargo, N. Dak.; Minneapolis, St. Paul, Minn.; Hays, Kans.; and Columbus, Ohio. (Aug. 22-Sept. 9, 1908.)	To attend meeting of the Cooperative Experiment Association of the Great Plains Area, giving a paper on "Nitrifying bacteria east and west," collecting samples of soil, interviewing authorities relative to sanitary investigations, and other work in connection with soil bacteriology and water purification.	156.27	General expenses, 1909.

Do.....do.....	Huntington, Wading River, and New York, N. Y. (Sept. 23-28, 1908.)	To inaugurate investigations in the bacterial conditions of the soil, collect samples for experiments, and confer with authorities concerning problems in soil bacteriology, and examine farm water supplies.	43. 73	Do.
Do.....do.....	Chicago, Ill.; Fallon, Nev.; Berkeley, Cal.; Bozeman, Mont.; Seattle, Wash.; and Minneapolis, Minn. (Apr. 19-May 19, 1909.)	do.....	367. 25	Do.
Do.....do.....	Norfolk, Va., and return. (June 11-13, 1909.)	To study relation of soil bacteria to certain truck-crop diseases	15. 05	Do.
Kennard, Frank L.....	Dalhart, Amarillo, Tex.; Kansas City, Mo. (July 28-Nov. 10, 1908.)	To conduct experiments in dry-land farming.	134. 06	Do.
Do.....do.....	Brookings, S. Dak.; Chicago, Ill.; and Dalhart, Tex. (Nov. 11, 1908-Mar. 16, 1909.)	To confer with state experiment station officials and resume duties as superintendent of the dry-land experiment station at Dalhart.	142. 22	Do.
Kelly, James W.....	Florence and Ebenezer, S. C. (July 6-11, 1908.)	To assist with photographic and other work in connection with experiments in drug plant cultivation.	55. 45	Do.
Knapp, S. Arthur.....	Lake Charles and Shreveport, La. (July 7-Aug. 10, 1908.)	To confer with general education board and special agents of the department relative to farmers' cooperative demonstration work.	163. 10	Do.
Kyle, Curtis H.....	Ridge Springs, Darlington, Hartsville, Orangeburg, S. C.; Macon, Carrollton, Monroe, Augusta, Ga.; Mobile, Johnson, and Selma, Ala. (July 15-Oct. 11, 1908.)	To select and purchase seed corn, arrange cooperative breeding experiments, inspect varietal test plots, and supervise the harvesting, weighing, etc., of experimental corn.	164. 02	Do.
Do.....do.....	Omaha, Auburn, Nebr.; Manhattan, and Hutchinson, Kans. (Oct. 16-Nov. 13, 1908.)	do.....	165. 45	Do.
Do.....do.....	Hartford, Raleigh, N. C.; Statesboro, Carrollton, and Augusta, Ga. (Mar. 7-May 11, 1909.)	Attend farmers' institute meetings, studying fertilization problems, preparing land and planting experimental plots of corn, and arranging for cooperative work with farmers.	136. 86	Do.
Do.....do.....	Ridge Springs, S. C.; North Augusta, Statesboro, Monroe, Carrollton, and Atlanta, Ga. (May 28-June 30, 1909.)	Taking notes, photographing, and directing cultivation and fertilization of experimental corn plots.	145. 72	Do.
Lewton, Frederick L.....	Jacksonville, Miami, New Smyrna, Orlando, Fla.; New Orleans, La.; Victoria, Fallurrias, San Antonio, Del Rio, Brownsville, Tex.; Yuma, Ariz.; Los Angeles, Cal.; and other points in States named. (July 20-Oct. 12, 1908.)	Supervising and studying experiments to test the weevil-resistant and drought-resistant characters and varieties of the cotton plant, and crossing and acclimatization of Central American cotton and corn under different conditions of climate and soil.	572. 51	Do.
Do.....do.....	New Braunfels, Victoria, Moore, Fallurrias, and Corpus Christ, Tex. (June 2-30, 1909.)	do.....	150. 45	Do.
Long, William W.....	New York, N. Y.; and Hartford, Conn. (Aug. 1-11, 1908.)	To carry on investigations in connection with tobacco work in that area.	53. 10	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
McClure, Harry B.	Scientific assistant	Cleveland, Ohio; Chicago, Ill.; Des Moines, Iowa; and other western points. (July 6-31, 1908.)	To study farm practice in the production and utilization of hay crops, especially in regard to methods of curing, stacking, baling, and marketing; and attend meeting of the National Hay Association at Cedar Point, Ohio.	\$148.00	General expenses, 1909.
Do.	do.	Syracuse, N. Y.; Thornton, Ark.; Des Moines, Dallas Center, and Centerville, Iowa. (Aug. 10-Sept. 9, 1908.)	To deliver address before the New York State Hay Association, work out data on hay investigations in regard to weight, volume, etc.	153.46	Do.
Do.	do.	Centerville, Des Moines, Iowa; Denver, Colo.; Ogden, Salt Lake City, Utah; Pocatella, Boise City, Idaho; Butte, Mont.; Spokane, Seattle, Tacoma, Wash.; Portland, Oreg.; Los Angeles, San Francisco, Cal.; San Antonio, Houston, Galveston, Fort Worth, Tex.; and other points in States named. (Oct. 5, 1908-Jan. 15, 1909.)	Interviewing hay commission men, dealers, and others, and studying market conditions; investigating hay lands and hay production, drying, etc.; and lecturing before meetings of hay producers.	614.57	Do.
Do.	do.	Fairfax C. H., Va., and return. (Mar. 27, 1909.)	To address farmers' institute on the subject of marketing hay.	1.20	Do.
Do.	do.	New York, N. Y., and return. (May 24-25, 1909.)	To confer with the National Dryer Company relative to an experimental hay-drying kiln.	20.35	Do.
McCulloch, M. E.	Expert.	Humeston, Iowa, to Ames, Iowa, and Washington, D. C., and return. (May 6-June 30, 1909.)	To confer with officers of experiment station and officials of the Bureau of Plant Industry relative to future work in farm management investigations in Iowa.	60.93	Do.
McDowell, John C.	do.	Fargo, Dickinson, N. Dak.; Aberdeen, Huron, S. Dak.; Waukesha, Milwaukee, Wis.; Lansing, Sheboygan, Mich.; and Chicago, Ill. (July 30, 1908-Jan. 4, 1909.)	Studying systems of farm management with a view to improving farm practice.	540.68	Do.
Do.	do.	Pittsburg, Pa.; Alliance, Waynesburg, Ohio; Waukesha, Wis.; and other points in States named. (Mar. 22-June 30, 1908.)	Studying systems of farm management.	214.04	Do.

McKay, Andrew W	Expert in fruit storage.	New York, N. Y.; Tunkhannock, Pa. (Sept. 22-Nov. 14, 1908.)	Inspecting experimental grape shipments.	38. 78	Do.
Do	do.	Lakeland, Arcadia, Orlando, and Bradentown, Fla. (Nov. 15, 1908-Jan. 25, 1909.)	Visiting packing houses, examining fruit in cold storage, picking and experimenting with lemons and inspecting orchards and groves, and securing data pertaining to investigations in fruit marketing, transportation, and storage.	190. 70	Do.
Do	do.	Los Angeles, Santa Barbara, San Diego, and other points in California. (Jan. 28-June 30, 1909.)	do.	378. 20	Do.
McLachlan, Argyle	Special agent.	Victoria, Fallurrias, San Antonio, Kerrville, De Rio, Tex.; Yuma, Sacaton, Ariz.; and Los Angeles, Cal. (July 2-Oct. 31, 1908.)	To investigate weevil-resistant and drought-resistant cotton, and experiment in the introduction of acclimatization, and crossing of Central American cotton and corn.	405. 20	Do.
Do	do.	Summerton, Yuma, Ariz., and Los Angeles, Cal. (Mar. 16-June 30, 1909.)	Experimenting with Egyptian cotton, preparing notebooks for census of cotton experiments, and studying the progress of acclimatization in weevil-resistant and other varieties of cotton.	183. 05	Do.
McLane, John W	Laboratory assistant.	Edgeley, Fargo, Williston, N. Dak., and Rock Island, Ill. (Apr. 16-June 30, 1908.)	Installing apparatus and making observations to determine the influence of the climatic conditions at the different experiment farms upon dry-land crops and the effect of the different methods of cultivation and conservation of soil moisture.	117. 58	Do.
McLennan, Robert	Gardener.	Niagara Falls, Buffalo, Scarborough, N. Y.; Madison, N. J.; and Philadelphia, Pa. (Aug. 17-20, 1908.)	To attend convention of the Society of American Florists and inspect nursery stock to secure new plants for propagation and distribution.	63. 05	Do.
Do	do.	Chicago and other points in Illinois. (Nov. 5-11, 1908.)	To attend the National Flower Show and inspect ornamental stock with a view to purchasing for propagation and distribution by the Office of Gardens and Grounds.	71. 90	Do.
McNair, Albert D	Expert.	Little Rock, Fordyce, and Newport, Ark.; Natchez, Miss.; Monroe, Shreveport, La.; Gallatin, Tenn.; Dexter, Mo.; Cairo, and Coulterville, Ill. (July 1-Oct. 1, 1908.)	Studying types of farming, with special reference to cropping systems and live stock, and to lecture before the Tri-State Agricultural Society and farmers' institute meetings.	244. 16	Do.
Do	do.	St. Louis, Mo.; Little Rock, Ozark, Texas, and travel throughout the State of Arkansas. (Jan. 2-Mar. 31, 1909.)	Inspecting winter legumes and alfalfa fields, and other work of value in farm management investigations.	231. 15	Do.
Mann, Albert	do.	Cambridge, England; Brunn, Austria; Svalof, Sweden; and other points in Europe. (July 1-Aug. 8, 1908.)	Examining process of barley breeding and hybridization and securing new varieties of barley seed.	287. 84	Do.
Do	do.	St. Louis, Mo.; St. Paul, Minn.; Madison, Milwaukee, Wis.; Chicago, Ill., and New York, N. Y. (Apr. 1-28, 1909.)	Investigating field barley and planning for cooperation in barley breeding.	76. 19	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Marcy, William L.....	Clerk.....	Brookings, S. Dak.; Dickinson, Fargo, N. Dak.; Minneapolis, Minn.; and Chicago, Ill. (May 8-June 3, 1909.)	Assisting in the preparation of accounts, and preparing reports on the operations of grain standardization laboratories.	\$194.34	General expenses, 1909.
Marsh, C. Dwight.....	Expert.....	Hugo, Denver, and other points in Colorado; and Chicago, Ill. (Aug. 1-Oct. 7, 1908.)	To conduct field and laboratory investigations in quality and action of loco, larkspur, and other plants poisonous to stock.	236.62	Do.
Do.....	do.....	Morris, Joliet, Chicago, Ill., and vicinity. (Dec. 8-21, 1908.)	.....do.....	97.09	Do.
Do.....	do.....	Baltimore, Md., and return. (Dec. 29, 1908.)	To attend meeting of the American Association for the Advancement of Science, and consult with pathologists and specialists in regard to poisonous plant work.	2.00	Do.
Do.....	do.....	Los Angeles, Cal.; Phoenix, Ariz.; El Paso, Tex.; Cold Springs, Denver, Colo.; Chicago, Ill.; and other points in States named. (Jan. 1-Feb. 13, 1909.)	To attend convention of American Live Stock Association, and consult stock men; conferring with sanitary boards, veterinarians, experiment station officials, forestry people, and others relative to stock poisoning.	313.36	Do.
Do.....	do.....	Wheatland, Cal.; Cheyenne, Wyo.; Denver, Limon, Mount Carbon, Colo.; and adjacent points. (May 21-June 10, 1909.)	Visiting western stock ranges and conferring with ranchmen and others relative to stock poisoning plants, and arranging laboratory quarters at Mount Carbon.	323.19	Do.
Marsh, Hadleigh.....	Assistant.....	Chicago, Ill., and Mount Carbon, Colo. (June 17-30, 1909.)	Visiting stock yards, and assisting in laboratory work with poisonous plant investigations.	61.40	Do.
Martin, John.....	Collaborator.....	Paris, Tex., to Washington, D. C., and return. (Jan. 2-Feb. 13, 1909.)	To consult with the Secretary of Agriculture and other officials of the Department relative to establishment of official grades for American cotton.	143.10	Do.
Mason, Sllas C.....	Arboriculturist.....	Yuma, Ariz.; Guthrie, Okla.; El Paso, Tex.; Riverside, Cal.; Klamath Falls, Ore.; and other points in States named. (Sept. 3, 1908-Apr. 17, 1909.)	Conducting investigations in dry-land arboriculture in the life history of figs, caprings, dates, pistaches, and other crops.	607.70	Do.
Mathewson, Ernest H.....	Crop technologist.....	Richmond, Appomattox, Bowling Green, Va.; Elizabeth City, Camden, N. C.; and other points in States named. (Aug. 3-Sept. 2, 1908.)	To deliver lectures on agricultural subjects before farmers' institute meetings, and inspect and supervise experimental tobacco work.	105.92	Do.
Do.....	do.....	Lynchburg, Chatham, Appomattox, Va.; La Plata, Md.; Lexington, Louisville, Ky.; and other points in States named. (Sept. 5-Oct. 31, 1908.)	.....do.....	145.14	Do.

Do.....	do.....	Forest, Brookneal, and other points in Virginia. (Nov. 9-14, 1908.)	To accompany special train under the auspices of the Norfolk and Western R. R. and Virginia Experiment Station and give talks on experimental tobacco work of the Department, and inspecting experimental plots, assisting in the selection of samples and in the preparation of tobacco for market.	13.35	Do.
Do.....	do.....	Travel to La Plata, Upper Marlboro, Leonardtown, Md.; Bowling Green, Appomattox, Chatham, Danville, Va.; Raleigh, Greenville, N. C.; Louisville, Lexington, Ky.; Darlington, Florence, S. C.; and other points in States named. (Jan. 13-June 30, 1909.)	To accompany farmers' institute train, give talks on tobacco cultivation, attend tobacco conventions and confer with authorities concerning tobacco industry, inspect experimental plots, and arrange for cooperative work on tobacco culture.	310.82	Do.
Mazerot, Jules.....	Cotton classifier.....	New Orleans, La., to Washington, D. C., and return. (Jan. 23-Feb. 3, 1908.)	To confer with the department officials relative to establishment of official grades for American cotton.	111.25	Do.
Metcalf, Haven.....	Pathologist.....	Genova, Milan, Pavia, Venice, Padua, and other points in Italy. (Aug. 1-Nov. 28, 1908.)	To study the bruisone and other diseases of rice.	490.79	Do.
Do.....	do.....	Baltimore, Md., and return. (Dec. 30, 1908.)	To present a paper before the American Association for the Advancement of Science.	2.25	Do.
Do.....	do.....	Providence, R. I., New York City, and vicinity. (Feb. 22-Mar. 9, 1909.)	To secure data for bulletin on the bark disease of the chestnut.	48.25	Do.
Do.....	do.....	New York, Saranac Inn, N. Y.; Boston, Mass.; Burlington, Vt.; and New Haven, Conn. (June 11-23, 1909.)	Investigating diseases of trees.....	121.17	Do.
Do.....	do.....	New York, N. Y. (June 27-30, 1909.)	Attending conference of New England foresters on the eradication of <i>peridermium strob.</i>	20.00	Do.
Meyer, Frank.....	Agricultural explorer.....	Ithaca, Geneva, Rochester, Buffalo, N. Y.; Ottawa, Canada; Madison, Wis.; St. Paul, Minn.; Fargo, N. Dak.; Brookings, S. Dak.; Charles City, Iowa; and Chicago, Ill. (July 29-Aug. 21, 1908.)	Confering with breeders of hardy fruits to determine what varieties should be introduced from Asia for hardy cultivation in the United States.	380.41	Foreign seed and plant introduction, 1909.
Do.....	do.....	New York, N. Y.; Boston, Wood's Hole, Mass.; Tariffville, Conn.; and intermediate points. (Sept. 1-Nov. 12, 1908.)	do.....	176.59	Do.
Do.....	do.....	Charleston, S. C.; Augusta, Savannah, Statesboro, Ga.; Jacksonville, St. Augustine, Palatka, Gainesville, Tampa, Tallahassee, Glen St. Mary, Fla.; New Orleans, La.; Victoria, Brownsville, San Antonio, Tex.; Birmingham, Ala.; and other points in States named. (Dec. 2, 1908-Jan. 19, 1909.)	To locate bamboo areas and consult with growers regarding the culture of timber bamboos imported from Japan.	364.40	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Meyer, Frank	Agricultural explorer	Cheyenne, Wyo.; Denver, Colo.; and Chicago, Ill. (Feb. 8-28, 1909.)	To deliver address before the Trans-Mississippi Dry Land Agricultural Congress and secure data for bulletin.	\$100.00	Foreign seed and plant introduction, 1909.
Miles, George F.	Scientific assistant.	Buffalo, Geneva, N. Y.; North East, Pa.; Youngstown, Ohio; and other points in States named. (July 1-Sept. 3, 1908.)	Investigating the diseases of small fruits and conducting spraying experiments.	127.90	General expenses, 1909.
Do.	do.	Buffalo, Geneva, N. Y.; North East, Pa.; Youngstown, Ohio; and other points in States named. (Sept. 9-Oct. 7, 1908.)	do.	130.29	Do.
Do.	do.	Houston, Dallas, and other points throughout Texas. (Oct. 9-Nov. 25, 1908.)	Investigating cotton-root rot and experimenting in grape culture.	291.20	Do.
Do.	do.	North East, and other points in Pennsylvania. (Apr. 30-June 30, 1909.)	To conduct spraying experiments and study diseases of small fruits, especially grapes.	161.11	Do.
Miller, Henry A.	Assistant agriculturist.	Williamsport and other points in Pennsylvania; Orange and Charlottesville, Va. (July 8-29, 1908.)	To study farm practice in growing wheat in rotation with other crops and methods of farm management, with especial reference to crops and live stock.	52.89	Do.
Do.	do.	Mission Home, Va. (Sept. 16-18, 1908.)	To assist in plans for the establishment of an industrial school.	83.50	Do.
Do.	do.	Scotland Neck, Windsor, N. C.; Norfolk, Suffolk, Courtland, Emporia, Waverly, Va.; and other points in States named. (Sept. 28-Oct. 19, 1908.)	To study farm practice with reference to building up and maintaining soil fertility and confer with farmers and assist in arranging systems of management to meet their conditions.	92.80	Do.
Do.	do.	Travel to Frederick, Westminster, Reectortown, Manassas, Rapidan, Suffolk, Roanoke, and other points in Maryland and Virginia. (Feb. 5-June 30, 1909.)	Interviewing farmers and studying farm practice.	118.06	Do.
Mitchell, George F.	Scientific assistant.	Charleston, Summerville, and other points in South Carolina. (Aug. 1, 1908-Feb. 5, 1909.)	To carry on investigations in the cultivation and manufacture of tea.	117.96	Do.
Do.	do.	Charleston, Summerville, and other points in South Carolina. (Sept. 10, 1908-Apr. 7, 1909.)	To assist with cooperative tea culture, confer with machinists and others relative to tea machinery, and other detail work in connection with tea culture investigations.	90.01	Do.

Morris, Evan L.	Assistant in grain standardization.	St. Louis, Mo., to Washington, D. C., and return. (June 7-30, 1909.)	124. 98	Do.
Morrison, Lisle.	Assistant in charge.	Spokane, Seattle, Bellingham, Wash.; Chico, San Francisco, San Jose, Hollister, Gilroy, Oceano, Arroyo, Lompoc, and Los Angeles, Cal. (Mar. 17-Apr. 10, 1909.)	261. 78	Purchase and distribution of valuable seeds.
Neal, Clarence A.	Assistant superintendent of seed greenhouse.	Buffalo, Silver Creek, Rochester, New York, N. Y., and Baltimore, Md. (Nov. 20-30, 1908.)	43. 93	Purchase and distribution of valuable seeds, 1909.
Neville, George W.	Collaborator.	Boston, Mass., to Washington, D. C., and return. (Jan. 31-Feb. 4, 1909.)	46. 80	General expenses, 1909.
Nielsen, Harold T.	Scientific assistant.	Raleigh, Elizabeth City, N. C.; Columbia, S. C.; Griffin and Augusta, Ga.; and other southern points. (July 12-Aug. 9, 1908.)	192. 26	Purchase and distribution of valuable seeds, 1909.
Do.	do.	Newark, Del.; New Brunswick, N. J. (Sept. 24-26, 1908.)	29. 30	Do.
Do.	do.	Richmond, Va.; Augusta, Ga.; Summerville, Florence, Bennettsville, S. C. (Dec. 19-25, 1908.)	63. 30	Do.
Do.	do.	St. Louis, Mo. (Mar. 4-7, 1909.)	38. 09	Do.
Norton, Jesse B.	Physiologist.	Concord, Mass., and vicinity. (Jan. 26-30, 1909.)	38. 06	General expenses, 1909.
Do.	do.	Hartford and Hockanum, Conn., and Concord, Mass. (Apr. 28-June 19, 1909.)	98. 52	Do.
Oakley, Russell A.	Assistant agrostologist.	Blacksburg, Va., and vicinity. (Apr. 3-8, 1909.)	22. 65	Purchase and distribution of valuable seeds.
Do.	do.	Ithaca, Buffalo, N. Y.; Mackinaw City, Mich.; and points in Canada, Ohio, and West Virginia. (July 13-Oct. 13, 1908.)	185. 48	Do.
Do.	do.	Blacksburg, Va., and return. (Sept. 4-8, 1908.)	24. 25	Do.
Do.	do.	Vincennes, Salem, Ind.; Hannibal, Kansas City, Mo.; and other points in States named. (Oct. 7-Nov. 23, 1908.)	123. 16	Do.
To confer with officers of the bureau relative to work in grain standardization during past year and outlining plans for future investigations.				
To inspect work of propagating Dutch bulbs and plant introduction gardens and interviewing seedsmen and growers relative to crop conditions and quotations for the work of congressional seed distribution.				
Visiting factories, warehouses, and seedsmen to learn the methods employed and machinery used for cleaning such seeds as are sent out by the office of congressional seed distribution.				
To consult with the Secretary of Agriculture and other officials of the department relative to establishment of official grades for American cotton.				
To visit experiment station and farmer cooperators to secure data on the relative value of different annual legumes being tested by them, and investigate the production of seed of cowpeas and soy beans.				
To inspect cooperative experiments with soy beans.				
To inspect thrashing machinery, investigate status of cooperative experiments with vetches and winter legumes, and consult with growers and seedsmen relative to varieties of seeds to be purchased for the department.				
Looking up seed houses to arrange for purchase of seeds for the department.				
To attend annual meeting of the Massachusetts Asparagus Growers' Association, and visiting growers to plan future work in asparagus.				
Inspecting experimental plantings and work on rust-resistant asparagus breeding investigations.				
Supervising cooperative grazing experiments at Virginia Experiment Station.				
To inspect cooperative timothy experiments, arrange for testing cultivated grasses, and secure information concerning the culture of Canada bluegrass.				
To make botanical survey of grazing plots.				
Investigating Canad bluegrass and reedtop for pasture, and other forage problems, and securing data for bulletin.				

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Oakley, Russell A.	Assistant agrostologist ..	Columbus and Lancaster, Ohio. (Mar. 7-10, 1909.)	Arranging forage crop tests at State University, Ohio Experiment Station, and Boys' Industrial School.	\$28.95	Purchase and distribution of valuable seeds.
Do.	do.	Blacksburg, Va., and return. (Mar. 22-25, 1909.)	Preparing plots for grazing experiments, and inspecting cooperative pasture fields.	23.05	Do.
Do.	do.	Christiansburg, Eggleston, and Blacksburg, Va. (Apr. 13-22, 1909.)	Studying farm practices, making experiments with grasses and forage crops.	53.75	Purchase and distribution of valuable seeds, 1909.
Do.	do.	Knoxville, Tenn.; Augusta, Macon, Rome, Ga.; Auburn, Montgomery, Ala.; Orangeburg, S. C.; Biloxi, Miss.; and other points in States named. (May 9-June 5, 1909.)	do.	193.85	Do.
Do.	do.	Blacksburg, Va., and return. (June 11-14, 1909.)	To inspect cooperative grazing experiments.	22.45	Do.
Do.	do.	The Plains, Va., and return. (June 16, 1909.)	Testing improved strains of orchard grasses.	3.10	Do.
Do.	do.	Madison and other points in Wisconsin. (June 21-30, 1909.)	To visit cooperative farmers and take notes on improved strains of timothy.	66.10	Do.
O'Gara, Patrick J.	Scientific assistant.	Youngstown, Buffalo, N. Y.; Sanga-tuck, Grand Rapids, Benton Harbor, Mich.; and other points in States named. (July 1-Sept. 17, 1908.)	Investigating little peach, pear blight, and other fruit diseases, and inspecting orchards to ascertain results of previous year's work.	352.76	General expenses, 1909.
Do.	do.	Ogden, Utah; Medford, Spokane, Wash.; Sacramento, Newcastle, Cal.; and other points in States named. (Sept. 23, 1908-Jan. 30, 1909.)	do.	843.75	Do.
Oliver, George W.	Expert.	Yuma, Ariz.; Sacramento, San Francisco, Cal.; Seattle, Bellingham, Wash.; St. Paul, Minn.; and other points in States named. (July 16-Aug. 17, 1908.)	To arrange for cooperative tests in growing lilies from seed.	307.55	Purchase and distribution of valuable seeds, 1909.
Do.	do.	New York, N. Y., and return. (June 20-25, 1909.)	To secure material for hybridization work.	20.00	Do.
Orton, William A.	Pathologist.	Norfolk, Va., and return. (July 1-3, 1908.)	To investigate diseases of truck crops.	18.00	General expenses, 1909.

Do.....	do.....	St Louis, Mo.; Waco, San Antonio, Austin, Victoria, Palestine, Houston, and Marshall, Tex.; Vicksburg, Ocean Springs, Miss.; Nolasoga, Ala.; Monetta, S. C.; Shreveport, Baton Rouge, La.; and other points in States named. (July 18-Aug. 18, 1908.)	To investigate diseases of pecans and truck crops, and conduct experiments in wilt-resistant watermelons and cotton.	240. 96	Do.
Do.....	do.....	Buffalo, N. Y.; Grand Rapids, Mich.; Chicago, Ill.; Denver, Colo.; Cheyenne, Wyo.; San Francisco, Cal.; and other points in States named. (Sept. 1-Oct. 6, 1908.)	To investigate diseases of cucumbers, potatoes, and other vegetables, and search for source of disease-free seed of peas and beans.	348. 28	Do.
Do.....	do.....	Columbia, Florence, Sumter, and other points in South Carolina. (Nov. 9-15, 1908.)	To conduct experiments with wilt-resistant cotton.	21. 05	Do.
Do.....	do.....	Norfolk, Va., and return. (Dec. 11-12, 1908.)	To address a meeting of truck growers.....	12. 40	Do.
Do.....	do.....	Norfolk, Va., and return. (Apr. 13, 1909.)	Investigating diseases of truck crops.....	13. 10	Do.
Do.....	do.....	Chicago, Ill.; Stockton, Cal.; Yuma, Tucson, Ariz.; San Antonio and Austin, Tex. (Apr. 25-May 21, 1909.)	do.....	290. 60	Do.
Do.....	do.....	Norfolk, Va., and return. (June 10-12, 1909.)	do.....	8. 00	Do.
Do.....	do.....	New York, N. Y.; and Burlington, Vt. (June 17-30, 1909.)	To investigate potato diseases, inspect experimental fields, and confer with officials of Vermont Experiment Station.	49. 65	Do.
Parker, Lewis.....	Collaborator.....	Greenville, S. C., to Washington, D. C., and return. (Jan. 31-Feb. 4, 1909.)	To consult with the Secretary of Agriculture and other officials of the department relative to establishing a standard for the different grades of American cotton.	108. 52	Do.
Patterson, Mrs. Flora W....	Mycologist.....	Philadelphia, Pa.; New York, N. Y.; and Cambridge, Mass. (Sept. 14-30, 1908.)	Visiting greenhouses, gardens, and libraries to collect pathological material.	34. 05	Do.
Peterson, William A.....	Farm superintendent.....	St. Paul, Minn.; San Antonio, Tex.; and Yuma, Ariz., and vicinity. (Jan. 2-Mar. 30, 1909.)	To confer with officials of experiment stations, resume duties as superintendent of the Yuma Experiment Farm, and arrange with farmers in that vicinity for cooperative experiments with Egyptian cotton.	130. 66	Do.
Payne, James E.....	Assistant in dry-land agriculture.....	Manhattan, Kans.; Fort Collins, Colo.; and Cheyenne, Wyo. (Jan. 24-Mar. 15, 1909.)	To consult with officers of experiment stations of the Great Plains area concerning cooperative experiments and investigations in dry land agriculture.	105. 30	Do.
Peck, William A.....	Assistant agriculturist.....	Ithaca, N. Y.; Detroit, Mich.; Madison, La Crosse, Wis.; Salem, Belle Plain, Iowa; Chicago, Ill.; Indianapolis, Ind.; and Toledo, Ohio. (July 3-Aug. 2, 1908.)	To study methods of feeding and plan cropping systems, inaugurate methods of keeping farm records and accounts, etc.	156. 13	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Peck, William A.....	Assistant agriculturist..	Albany, N. Y.; Essex, Barre, Burlington, Vt.; Northampton, Boston, Mass.; Manchester, Conn.; Houlton, Bangor, Waterville, Me.; and other points in States named. (Aug. 9-31, 1908.)	To study farm accounting, details of farm management on special farms, and inaugurate cooperative work.	\$157. 04	General expenses, 1909.
Do.....	do.....	Fredericktown, Wooster, Columbus, Ohio; Indianapolis, Aclon, Anderson, Munsey, Kokomo, La Fayette, Ind.; Chicago, Ill.; Northfield, Minn.; Madison, Wis.; and other points in States named. (Sept. 10-Nov. 25, 1908.)	Conferring with experiment station officials and farmers concerning cooperative work, and instructing farmers in methods of farm accounting.	255. 55	Do.
Do.....	do.....	Fredericktown, Wooster, Columbus, Ohio; Indianapolis, Aclon, Anderson, Munsey, Kokomo, La Fayette, Ind.; Chicago, Ill.; Northfield, Minn.; Madison, Wis.; and other points in States named. (Feb. 22-June 30, 1909.)	To organize cooperative work in feeding systems and farm economies, secure data as basis for cropping systems, and study details of farm management on special farms.	308. 09	Do.
Piper, Charles V.....	Agrostologist.....	Christiansburg, Roanoke, Blacksburg, and other points in Virginia. (July 3-10, 1908.)	To inspect cooperative experiments in testing alfalfa.	21. 70	Do.
Do.....	do.....	New York, N. Y., and adjacent points. (July 20-28, 1908.)	Inaugurating cooperative tests with crimson clover and vetch, and inspecting cooperative experiments with alfalfa.	40. 38	Do.
Do.....	do.....	Chillicothe and Amarillo, Tex.; Albuquerque, N. Mex.; Flagstaff, Ariz.; Oxnard, San Francisco, and Chico, Cal.; Seattle and Pullman, Wash.; Fargo, N. Dak.; Brookings, S. Dak.; St. Anthony Park, Minn.; Chicago and Bloomington, Ill. (July 31-Aug. 31, 1908.)	Visiting experiment farms and inspecting cooperative experiments with alfalfa, and inaugurating cooperation with farmers and others in forage-crop investigations.	295. 89	Do.
Do.....	do.....	Blacksburg, Va.; Rogersville, Knoxville, Chattanooga, Tenn.; Auburn, Ala.; Biloxi, Miss.; Gainesville, Fla.; Charleston and Monetta, S. C. (Sept. 16-Oct. 1, 1908.)	Inspecting cooperative work with soy beans, cow peas, para grass, and other forage crops.	147. 68	Do.

Do.	do.	Baltimore, Md., and return. (Dec. 3, 1908.)	To attend meeting of Maryland Cereal and Forage Crop Breeders' Association.	2.75	Do.
Do.	do.	Blacksburg, Va., and return. (May 20-21, 1909.)	To inspect alfalfa experiments.	2.40	Do.
Do.	do.	Frederick and Hagerstown, Md. (May 25-27, 1909.)	do.	24.41	Do.
Do.	do.	New York, N. Y., and vicinity. (May 29-31, 1908.)	To inspect experiments with grasses on Long Island.	24.00	Do.
Do.	do.	Gaithersburg, Md., and vicinity. (June 14, 1909.)	Inspecting forage-crop experiments.	2.85	Do.
Do.	do.	Upper Marlboro, Md., and return. (June 28-30, 1909.)	do.	4.36	Do.
Powell, G. Harold.	Pomologist.	Philadelphia, Pa., and return. (Aug. 19-20, 1908.)	Inspecting refrigerating plant.	15.00	Do.
Do.	do.	New York City, N. Y.; Plymouth, London, England; Paris, France; Rome, Naples, Messina, Palermo, Italy; Glasgow, Edinburgh, Scotland; Liverpool and Southampton, England. (Aug. 27-Nov. 8, 1908.)	To attend the First International Congress of the Refrigerating Industry of Paris, and obtaining information relative to fruit-transportation investigations and storage.	757.41	Do.
Do.	do.	Philadelphia, Pa., and New York, N. Y. (Nov. 11-13, 1908.)	Inspecting refrigerating plant, and other work connected with fruit transportation and storage.	21.55	Do.
Do.	do.	Philadelphia, Pa., and New York, N. Y. (Jan. 21-24, 1909.)	Studying methods of handling and distributing foreign lemon crops.	30.65	Do.
Do.	do.	San Diego, Los Angeles, and San Francisco, Cal. (Feb. 21-May 20, 1909.)	Prosecuting fruit transportation and storage investigations.	671.16	Do.
Do.	do.	Philadelphia, Pa., and New York, N. Y. (June 1-4, 1909.)	do.	29.00	Do.
Do.	do.	Baltimore, Md.; Philadelphia, Pa., and New York, N. Y. (June 22-26, 1909.)	Studying market conditions of fruit.	38.40	Do.
Quinn, Clarence E.	Scientific assistant.	Chicago, Ill.; Minneapolis, Minn.; Dickinson, Fargo, N. Dak.; Billings, Mont.; Salem, Wis.; and St. Thomas, Ontario. (July 1-18, 1908.)	To study farm practices in relation to corn culture and use of forage crops for hogs.	144.65	Do.
Rabak, Frank	Expert.	Chicago, Ill.; Madison, Wis.; Minneapolis, Minn.; Webster, S. Dak.; Portland, Independence, Oreg.; and Vancouver, British Columbia. (July 1-Nov. 12, 1908.)	Collecting and distilling in fresh condition fire weed, hops, wild sage, and other plants yielding volatile oils.	263.81	Do.
Ragan, W. H.	Assistant pomologist.	Fort Wayne, La. Otto, Wolf Lake, Cromwell, Ind., and Chicago, Ill. (Jan. 16-23, 1909.)	To deliver lectures on fruit culture at farmers' institute meetings.	46.29	Do.
Rand, Frederick V.	Expert.	Youngstown, N. Y., and return. (Sept. 5-16, 1908.)	Investigating fruit diseases with special reference to eradication of peach yellows.	43.80	Do.
Do.	do.	Winchester, Va.; and Martinsburg, W. Va. (Oct. 4-7, 1908.)	To study fungus diseases of the apple.	12.75	Do.
Do.	do.	Martinsburg, W. Va., and return. (Apr. 8-15, 1909.)	To conduct spraying experiments on pecan diseases.	28.35	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Rand, Frederick V.....	Expert.....	Winchester, Va., and vicinity. (May 13-14, 1908.)	Planning fertilizer and spraying experiments in apple orchards.	\$26.70	General expenses, 1909.
Do.....	do.....	Winchester, Va., and vicinity. (May 17-26, 1909.)	do.....	26.07	Do.
Do.....	do.....	Winchester, Va., and vicinity. (June 3-14, 1909.)	do.....	38.10	Do.
Do.....	do.....	Winchester, Va., and vicinity. (June 26-27, 1909.)	do.....	14.35	Do.
Reed, Clarence A.....	Special agent.....	Orangeburg, Charleston, S. C.; Jacksonville, Orlando, Fla.; Cairo, De Witt, Ga.; Chattanooga, Tenn.; Huntsville, Mobile, Ala.; Biloxi, Lexington, Starkville, Miss.; New Orleans, Morgan City, La.; and other points in States named. (Oct. 11-Dec. 8, 1908.)	Inspecting nursery stock and orchards, cross-pollinating, securing data and photographs, and other work in connection with the pecan industry.	312.66	Do.
Do.....	do.....	Orangeburg, Charleston, S. C.; Jacksonville, Orlando, Fla.; Cairo, De Witt, Ga.; Chattanooga, Tenn.; Huntsville, Mobile, Ala.; Biloxi, Lexington, Starkville, Miss.; New Orleans, Morgan City, La.; and other points in States named. (Apr. 18-June 18, 1909.)	do.....	261.13	Do.
Ricker, Percy L.....	Assistant botanist.....	Asheville, Biltmore, Pinola, Marion, N. C., and Johnson City, Tenn. (June 2-23, 1909.)	To secure specimens, notes and photographs of ornamentals.	104.57	Do.
Do.....	do.....	Denton, Md., and return. (June 28-30, 1909.)	To secure specimens of cultivated varieties of plums.	17.77	Do.
Rifter, E. C.....	Scientific assistant.....	Los Angeles, Compton, Cal., and Garden City, Kans. (Sept. 2-24, 1908.)	To study effects of siloing sugar beets, planting, and other work in connection with sugar-beet investigations and experiments.	286.40	Do.
Robinson, Thomas R.....	Assistant physiologist.....	Philadelphia, Lancaster, Pa., Syracuse, N. Y., and Hartford, Conn., and adjacent points. (July 7-Aug. 27, 1908.)	To inspect cooperative experiments in legume inoculation for the purpose of making notes, and securing soil samples for laboratory work.	57.38	Do.
Do.....	do.....	Muliken, Md., and return. (Aug. 31-Oct. 14, 1908.)	do.....	9.03	Do.
Do.....	do.....	Norfolk, Va., and return. (Mar. 10-14, 1909.)	Taking soil samples for bacteriological tests, and preparing plots and sowing seed for inoculation experiments.	30.75	Do.

Do.....	do.....	Norfolk, Va., and return. (June 2-13, 1909.)	Examining legume inoculation tests on trucking soil, and securing soil samples for bacteriological investigations.	18. 10	Do
Rogers, Shober J.....	Special agent.....	Fallon, Nev., to Washington, D. C., (via San Antonio, Tex.) and return. (Nov. 11-Dec. 14, 1908.)	Studying methods employed at the San Antonio Experiment Station, writing up report of season's work, and conferring with officials of the Bureau of Plant Industry concerning future work at the Truckee-Carson Experiment Farm.	343. 80	Do
Rorer, James Birch.....	Assistant pathologist.....	Lincoln, Nebr., St. Joseph, Mo., Champaign, Neoga, and Centralia, Ill. (Mar. 14-24, 1909.)	To conduct spraying experiments and demonstrations.	113. 03	Do
Ross, John F.....	Farm superintendent.....	Amarillo, Tex. (Feb. 10-13, 1909.)	To take charge as superintendent of the Amarillo Experiment Farm in connection with cereal investigations in the Pan Handle.	85. 45	Do
Russell, Clark A.....	Aid in grain standardization.....	New Orleans, La., to Washington, D. C., and return. (July 16-31, 1908.)	To consult officers of the bureau relative to future work in grain standardization.	30. 11	Do
Salmon, Cecil.....	Special agent.....	Bellefourche, S. Dak. (Feb. 27-Mar. 8, 1909.)	To take charge of cooperative dry-land grain work at the experiment station.	63. 85	Do
Sawyer, R. H.....	Collaborator.....	Malden, Mass., to Washington, D. C., and return. (Mar. 1-27, 1909.)	To confer with the Chief of the Bureau of Plant Industry relative to the utilization of switch canes and reeds of the waste lands along the waterways of the country.	118. 10	Do
Saylor, Charles F.....	Special agent.....	Des Moines, Iowa, to Washington, D. C., and return. (Mar. 18-31, 1909.)	To consult officials of the department relative to work on production of domestic sugar from beets.	126. 45	Do
Schmitz, Nickolas.....	Expert.....	Raleigh, N. C.; Atlanta, Ga.; Montgomery, Ala.; Starkville, Miss.; and other points in States named. (July 5-25, 1908.)	Conferring with experiment station officials and practical farmers relative to cooperative work with alfalfa.	162. 03	Purchase and distribution of valuable seeds, 1909.
Do.....	do.....	Richmond, Va.; and return. (Aug. 4-6, 1908.)	To deliver an address on alfalfa before the Virginia State Farmers' Institute.	18. 20	Do.
Do.....	do.....	Travel to and from points throughout the State of Maryland and Washington, D. C. (Sept. 8-Oct. 23, 1908.)	Inspecting cooperative experiments with alfalfa.	105. 23	Do.
Do.....	do.....	Omaha, McCook, Nebr.; Denver, Colorado Springs, Colo.; Scott, Garden City, Kans.; and other points in States named. (Oct. 31-Dec. 4, 1908.)	To arrange cooperative tests in connection with the alfalfa extension work.	221. 89	Do.
Do.....	do.....	Frederick and Hagerstown, Md., and return. (May 26-27, 1909.)	Inspecting alfalfa experiments.....	9. 76	Do.
Do.....	do.....	Gaithersburg and Upper Marlboro, Md. (June 14-30, 1909.)	.....do.....	2. 51	Do.
Scofield, Carl S.....	Agriculturist.....	San Antonio, Los Angeles, Berkeley, San Francisco, Cal.; Fallon, Nev.; and Maricopa, Ariz. (July 1-22, 1908.)	To inspect and supervise operations at experiment farms and study conditions relative to the production of Egyptian cotton.	253. 15	General expenses, 1909.
Do.....	do.....	Fargo, N. Dak.; and Minneapolis, Minn. (Aug. 22-Sept. 2, 1908.)	To attend meetings of the Cooperative Experiment Association of the Great Plains area.	98. 69	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Seofield, Carl S.....	Agriculturist.....	San Antonio, Tex.; Yuma, Sacaton, Ariz.; Pacific Grove, Berkeley, Cal.; and Fallon, Nev. (Oct. 4-Nov. 6, 1908.)	To direct operations on experiment farms and conduct special investigations into the Egyptian cotton situation.	\$298. 92	General expenses, 1909.
Do.....	do.....	San Antonio, Tex.; Yuma, Ariz.; Weed, Cal.; Klamath Falls, Albany, Umatilla, Corvallis, Oreg.; Mindoka, Idaho; Denver, Akron, Colo.; Scott's Bluff, Nebr.; Billings, Hobson, Mont.; Lewiston, N. Dak.; Minneapolis and St. Anthony Park, Minn. (Apr. 25-June 1, 1909.)	Consulting officials of experiment stations, United States Reclamation Service and United States Forest Service, concerning the establishment of new experimental farms, and inspecting and supervising work of farms being conducted by the office of Western Agricultural Extension.	437. 44	Do.
Scott, William M.....	Plant pathologist.....	Bentonville, Gravette, Ark.; St. Louis, Mo.; Neoga, Ill.; and Tecumseh, Nebr. (July 10-31, 1908.)	To conduct spraying demonstrations in the control of apple and peach diseases.	82. 26	Do.
Do.....	do.....	Bentonville, Ark.; Chattanooga, Tenn.; Louisville, Ky.; Birmingham, Ala.; Kansas City, Mo.; Lincoln, Nebr.; and other points in States named. (Aug. 3-Oct. 24, 1908.)	To investigate fruit disease conditions, and conduct spraying demonstrations and experiments, and deliver lectures on diseases of fruits.	310. 90	Do.
Do.....	do.....	Bluemont and other points in Virginia. (Nov. 9-14, 1908.)	Investigating orchard conditions.....	18. 54	Do.
Do.....	do.....	Crozet, Staunton, Fishersville, and Mount Jackson, Va. (May 29-29, 1909.)	Conducting spraying demonstrations.....	19. 67	Do.
Do.....	do.....	Boston, Lynn, Melrose, Mass., and Raymond, N. H. (June 2-5, 1909.)	do.....	48. 10	Do.
Do.....	do.....	Wilkesboro, N. C.; Atlanta, Fort Valley, Ga.; Crozet, Fishersville, and Mount Jackson, Va. (June 9-29, 1909.)	To deliver lectures on fruit diseases before growers' associations, and conduct spraying experiments.	93. 55	Do.
Selby, A. D.....	Collaborator.....	Wooster, Ohio, to Washington, D. C., and return. (Mar. 10-28, 1909.)	For consultation with officials of the Bureau relative to experimental tobacco investigations being conducted at the Agricultural Experiment Station of Ohio, and assist in testing various selections of filler tobacco.	44. 15	Do.
Shamel, Archibald D.....	Physiologist.....	Palestine, Houston, Tex.; Montgomery, Ala.; and Raleigh, N. C. (July 1-5, 1908.)	To confer with commissioners of agriculture and officers of state experiment stations relative to production of wilt-resistant tobacco.	62. 78	Do.

Do.....	do.....	Hartford, Tariffville, Suffield, Hockanum, and other points in Connecticut. (July 10-Sept. 17, 1908.)	To superintend the selection of seed and harvesting of experimental breeding plats of tobacco.	216. 45	Do.
Do.....	do.....	Svan Quarter, Plymouth, Winton, N. C.; Gainesville, Braselton, Thompsons Mills, Ga.; and other southern points. (Sept. 21-Nov. 10, 1908.)	Selecting seed corn and cotton, and giving talks at a series of agricultural meetings on plant breeding.	222. 58	Do.
Do.....	do.....	Hockanum, Tariffville, and other points in Connecticut. (Nov. 11-21, 1908.)	Inspecting samples of tobacco in the curing barns.	103. 31	Do.
Do.....	do.....	Columbus, Ohio; Chicago, Ill.; Omaha and Lincoln, Nebr.; Manhattan, Kans.; St. Paul, Minn.; and Columbia, Mo. (Nov. 23, 1908-Jan. 11, 1909.)	To deliver lectures on "The art of seed selection and breeding" before farmers' institutes and agricultural societies; attending national corn exhibitions for the purpose of giving talks on seed selection and breeding.	257. 78	Do.
Do.....	do.....	Riverside, Los Angeles, and other points in California. (Mar. 12-June 9, 1909.)	To assist Mr. G. Harold Powell in prosecuting fruit transportation and storage investigations.	473. 21	Do.
Shanahan, John D.....	Crop technologist.....	London, England, and other points in Great Britain, Ireland, and continental Europe. (July 29-Nov. 2, 1908.)	Reviewing three years' work of office representatives in examining American grain cargoes on arrival in Europe; visiting grain receiving ports, grain markets, and commercial exchanges; interviewing grain importers; studying port facilities, docks, warehouses, machinery, and apparatus for and methods of handling grain, and general grain-trade conditions as affecting the export grain trade of the United States.	795. 56	Do.
Do.....	do.....	New Orleans, La.; Memphis, Nashville, Tenn.; St. Louis, Kansas City, Mo.; Omaha, Nebr.; Worthington, Minneapolis, Minn.; Chicago, Decatur, Ill.; Indianapolis, Kokomo, Marion, Brockton, Montpelier, Munsey, Ind.; Buffalo, New York, N. Y.; Philadelphia, Pa.; and Baltimore, Md. (Jan. 30-Mar. 24, 1909.)	Supervising work of laboratories, selecting standard samples, investigating grain-trade conditions, with special reference to storage in elevators and other work connected with grain standardization.	433. 84	Do.
Do.....	do.....	St. Louis, Mo.; Oklahoma City, Okla.; Chicago, Ill.; Milwaukee, Wis.; and Buffalo, N. Y. (May 15-June 7, 1909.)	To attend convention of Oklahoma Grain Dealers' Association and making address, also the convention of the Millers' National Federation, and convention of the Operative Millers of America, conferring with grain dealers, studying grain conditions, and examining work at grain standardization laboratories.	210. 05	Do.
Shantz, Homer L.....	Expert.....	Akron and other points in Colorado. (May 18-June 30, 1909.)	To perform experimental work on the physiology of drought-resistance and upon indicator value of native vegetation.	200. 96	Do.
Shaw, Harry B.....	Scientific assistant.....	Salt Lake City, Garland, and other points in Utah. (July 1-10, 1908.)	Conducting sugar-beet investigations, with especial reference to the production of single-germ beet seed.	158. 25	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Shear, Cornelius L.....	Pathologist.....	Ithaca, Geneva, Buffalo, N. Y.; Kalama- mazo, Grand Rapids, Mich.; Chi- cago, Ill., and adjacent points. (July 9-22, 1908.)	Conducting spraying experiments on dis- eases of grapes, cranberries, and other small fruits.	\$115.00	General expenses, 1909.
Do.....	do.....	Philadelphia, Pa., and vicinity. (Aug. 24-26, 1908.)	To confer with cranberry growers and in- spect the grape-spraying experiments in that section.	14.69	Do.
Do.....	do.....	New York, Newburgh, Highland, Ravena, and Albany, N. Y. (Sept. 9-16, 1908.)	Studying material in the state herbarium at Albany and investigating grape and other fruit diseases.	37.81	Do.
Do.....	do.....	Vineland, Elwood, N. J., and vicinity. (June 1-4, 1909.)	Investigating grape and cranberry diseases..	20.99	Do.
Do.....	do.....	Boston, Cambridge, and other points in Massachusetts. (June 18-26, 1909.)	do.....	45.67	Do.
Shear, William V.....	Scientific assistant.....	Houlton, and other points in Maine, and Mattituck, N. Y. (Sept. 15-24, 1908.)	To study potato culture, and assist in the harvesting of potato-fertilizer tests.	79.52	Do.
Do.....	do.....	Norfolk, Va., and return. (Mar. 23- 26, 1909.)	Planting potatoes in the variety trials.....	17.05	Do.
Do.....	do.....	Middlebury, Vt.; Mattituck, N. Y.; Perth Amboy, Freehold, Glassboro, and Mullica Hill, N. J. (May 27- June 3, 1909.)	Superintending the planting of shrubbery and investigating potato crops.	50.27	Do.
Do.....	do.....	Norfolk and Portsmouth, Va., and vicinity. (June 16-18, 1909.)	Investigating fertilizers and supervising harvesting of potatoes grown in coopera- tion with the Virginia Truck Experiment Station.	23.90	Do.
Shelley, Wilson G.....	Scientific assistant in agronomy.	Akron, Colo. (Mar. 5-8, 1909.).....	To take charge of the dry-land grain work at the Akron substation.	104.77	Do.
Shoemaker, Daniel M.....	Expert.....	Waco, Palestine, Paris, Tex.; Shreve- port, La.; Warren, Knoxville, Tenn.; Atlanta, Gainesville, Ga.; Lamar, Hartsville, S. C.; and Ra- leigh, N. C. (Sept. 2-Oct. 17, 1908.)	Inspecting experimental cotton plots, con- ferring with station officials, cooperators, and farmers relative to cotton-breeding experiments, picking, selections for hy- bridization tests, and supervising co- operative work.	109.03	Do.
Do.....	do.....	Columbia, Mo., and return. (Jan. 5- 10, 1909.)	To attend a meeting of the American Breed- ers' Association and give a report on cotton breeding.	61.10	Do.
Do.....	do.....	Waco, Palestine, and Paris, Tex. (Apr. 15-29, 1909.)	Planting cotton selections.....	95.95	Do.

Stevens, Arthur F.	do.	Los Angeles, Riverside, Santa Barbara, Whittier, and other points in California. (Nov. 5, 1908-Apr. 30, 1909.)	To carry on investigations into the methods of curing and storing American lemons with a view to improving their keeping qualities on the market.	462.38	Do.
Smith, Alfred G.	Special agent.	Columbia, Union, Gaffney, Aiken, McBee, and points throughout the State of South Carolina. (Feb. 17-June 30, 1908.)	To study farm practice for the purpose of aiding farmers in the management of their farms.	309.04	Do.
Smith, Clarence B.	Scientific assistant in horticulture.	Lorton, Va., and return. (July 15, 1908.)	To advise farmers regarding cropping systems, rotations, and other details in the management of their farms.	1.15	Do.
Do.	do.	Orono, Caribou, Augusta, Me.; Durham, Burlington, Vt.; Laconia, Amherst, Northampton, Mass.; Utica, Albany, Watertown, N. Y.; and other points in States named. (Aug. 4-Sept. 29, 1908.)	To study farm practice with particular reference to production of clover for seed on light sandy soil, and the possibility of adapting New England methods of potato culture to sections of Michigan and Wisconsin.	319.07	Do.
Do.	do.	Tell City and Bristow, Ind. (Nov. 7-15, 1908.)	To address farmers' institute on farm-management problems and advise with farmers in planning cropping systems.	66.03	Do.
Do.	do.	Lansing, Mount Pleasant, Mich.; Canton and Toledo, Ohio. (Feb. 16-27, 1909.)	do.	77.17	Do.
Do.	do.	Columbia, Sumter, and Manning, S. C. (Feb. 28-Mar. 14, 1909.)	do.	65.91	Do.
Do.	do.	Fairfax Court House, Va., and return. (Mar. 27, 1909.)	To deliver an address on clover culture before the farmers' institute.	1.20	Do.
Do.	do.	Colon, Bay City, Gaylord, Lewiston, and points throughout Michigan. (May 2-25, 1909.)	Studying farm-management problems with especial reference to growing of potatoes and clover and cropping systems for sandy lands, etc.	118.52	Do.
Smith, Irwin F.	Pathologist.	Boston, Woods Hole, Mass., and New York, N. Y. (Apr. 7-19, 1909.)	To deliver an address before the pathologists, bacteriologists, and cancer specialists in session at Boston, visiting libraries and collecting scientific material and apparatus.	37.00	Do.
Smith, Leroy M.	Assistant in grain standardization.	Leesburg, Va., and return. (Aug. 7-13, 1908.)	To investigate grain in storage and secure samples.	6.30	Do.
Do.	do.	Buffalo, N. Y.; Toledo, Ohio; and Chicago, Ill. (Aug. 18-28, 1908.)	To inspect methods of handling grain, and establish grain-standardization laboratory at Chicago.	37.90	Do.
Do.	do.	Chicago, Ill., to Washington, D. C., and return. (Apr. 16-June 6, 1909.)	To confer with officials of the bureau relative to future work at the Chicago laboratory.	57.45	Do.
Snyder, W. P.	Physicist.	North Platte, Nebr., to Washington, D. C., and return. (Nov. 10-Dec. 10, 1908.)	To consult officials of the department relative to cooperative work in North Platte.	95.00	Do.
Spaulding, Perley.	Scientific assistant.	Brunswick, Winthrop, Me.; Burlington, Vt.; Springfield, Boston, Amherst, Mass.; Hartford, Conn.; Lake Clear Junction, N. Y.; Mackinac Island, Mich.; Lakeland, Minn.; and Chicago, Ill. (July 20-Oct. 16, 1908.)	Investigating diseases of forest-tree seedlings, white-pine leaf blight, mistletoe diseases of conifers, and other forest-tree diseases.	495.95	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Spaulding, Perley.....	Scientific assistant.....	Northampton, Mass.; Nashua, N. H.; Portland, Brunswick, Orono, Me.; Montpelier, Vt.; Hartford, Conn.; and other points in States named. (Dec. 11-28, 1908.)	Investigating white-pine blight.....	\$84.70	General expenses, 1909.
Do.....	do.....	Nashua, N. H.; Portland, Brunswick, Me.; and New York, N. Y. (Apr. 4-8, 1909.)	do.....	30.00	Do.
Do.....	do.....	Los Angeles, Cal., and vicinity; Halsey, Lincoln, Nebr.; and Chicago, Ill. (Apr. 21-May 14, 1909.)	Conducting experiments on the damping-off diseases of conifers.	380.79	Do.
Do.....	do.....	Windsor, New Haven, Conn.; Springfield, Mass.; Burlington, Vt.; Saranac Inn, Lake Clear Junction, N. Y.; and other points in States named. (May 22-June 30, 1909.)	To conduct investigations on the damping-off of forest-tree seedlings and white-pine blight, and investigating the occurrence of <i>Peridermium strobi</i> .	130.57	Do.
Spillman, William J.....	Agriculturist in charge of farm management.	Columbia, S. C.; Augusta, Atlanta, Ga.; Birmingham, Uniontown, and York, Ala. (July 1-7, 1908.)	To study farm practice and assist farmers in planning cropping systems.	82.10	Do.
Do.....	do.....	Philadelphia, Pa.; Ithaca, Buffalo, N. Y.; St. Louis, Kansas City, Columbia, and other points in Missouri. (July 12-30, 1908.)	do.....	122.98	Do.
Do.....	do.....	Knoxville, Nashville, Pulaski, Waynesboro, Waverly, Centralia, Hohenwald, Dickson, Tenn.; Atlanta, Ga.; Raleigh, N. C.; and other points in States named. (Aug. 12-27, 1908.)	To address farmers' meetings, confer with experiment station officials and farmers concerning cooperative work and other details of farm management, including farm accounting.	180.95	Do.
Do.....	do.....	Wheeling, W. Va.; Chicago, Ill.; St. Paul and Minneapolis, Minn.; Sioux City, Iowa; Omaha, Nebr.; Aurora, Ill.; and other points in States named. (Oct. 1-27, 1908.)	do.....	256.56	Do.
Do.....	do.....	Raleigh, N. C.; Biloxi, Miss.; and other southern points. (Oct. 30-Nov. 2, 1908.)	do.....	78.01	Do.
Do.....	do.....	Columbus, Cincinnati, Ohio; Nashville, Tenn.; Louisville, Ky.; Columbia and St. Louis, Mo. (Nov. 14-Dec. 13, 1908.)	do.....	169.08	Do.

Do.....	do.....	Manhattan, Kans.; Columbia and St. Louis, Mo. (Dec. 26, 1908-Jan. 15, 1909.)	To address farmers' meetings on subjects relating to farm management, and attend meeting of the American Breeders' Association at Columbia.	132.79	Do.
Do.....	do.....	Philadelphia, Pa., and return. (Jan. 23-24, 1909.)	To deliver a lecture on Mendel's Law, and discuss farm management problems with farm owners.	10.85	Do.
Do.....	do.....	Sparrow's Point, Md., and return. (Feb. 2-3, 1909.)	To address farmers' meetings on systems of farm management.	3.90	Do.
Do.....	do.....	New York, N. Y.; Boston, Mass.; Bangor, Me.; Hartford, Conn.; and other New England points. (Feb. 21-Mar. 31, 1909.)	To confer with experiment station authorities and farmers concerning cooperative work and systems of farm management.	137.40	Do.
Do.....	do.....	Durham, N. C., and return. (Apr. 20-22, 1909.)	To arrange for cooperative work with the experiment station.	30.69	Do.
Do.....	do.....	Calvert, Md.; and Newark, Del. (June 12-14, 1909.)	do.....	8.63	Do.
Stephens, John M.....	Special agent.....	Bozeman, Mont. (Mar. 9-24, 1909)...	To resume duties as superintendent of the Judith Basin substation.	52.75	Do.
Stewart, Guy L.....	do.....	Norfolk, Va.; Raleigh, N. C.; Columbia, S. C.; Cornelia, Ga.; Waverly, Tenn.; Birmingham, Ala.; and other points in States named. (July 18-Aug. 28, 1908.)	To assist with farmers' institute work, securing information in regard to melon crops, and investigating general truck conditions.	170.47	Do.
Do.....	do.....	Boston, North Bloomfield, Conn.; Montreal, Canada; and adjacent points. (Sept. 15-26, 1908.)	To study general trucking interests, especially the Montreal muskmelon industry.	101.82	Do.
Do.....	do.....	Lansing, Saginaw, Gaylord, and other points in Michigan. (Oct. 16-28, 1908.)	Inaugurating cooperative work with truck growers, especially in fertilizing, experiments and cultivation of horse-radish and water cress.	103.55	Do.
Stewart, John B.....	Tobacco expert.....	Tariffville, Conn., to Washington, D. C., and return. (Jan. 29-Feb. 11, 1909.)	Consulting officers of the bureau regarding the status of the tobacco work, and testing laboratory samples.	48.15	Do.
Stockberger, Warner W.....	Pharmacognosist.....	Newark, Ohio; Chicago, Ill.; Hugo, Denver, Colo.; Sacramento, Stockton, Cal.; Portland, Independence, Oreg.; Tacoma and Seattle, Wash.; and other points in States named. (Aug. 23-Oct. 6, 1908.)	Investigating the cultivation, curing, and utilization of hops.	305.65	Do.
Do.....	do.....	Baltimore, Md., and return. (Dec. 31, 1908.)	To present a paper at the meeting of the American Association for the Advancement of Science.	1.00	Do.
Do.....	do.....	New York, N. Y., and vicinity. (Jan. 25-28, 1909.)	To investigate commercial conditions of tanning materials and dyestuffs, and inspecting drug mills.	27.85	Do.
Do.....	do.....	Worcester, Mass., and return. (Mar. 9-11, 1909.)	To consult fruit growers relative to utilization of waste material from fruit crops, address a convention of fruit growers on industrial alcohol, and study matters pertaining to drug and poisonous-plant investigations.	33.85	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Stockberger, Warner W....	Pharmacognosist.....	Harrisburg, Pa., and vicinity. (Mar. 21-24, 1909.)	Visiting sumac mills, laboratories of tanning companies and tannin extract plants to obtain information on kind of plant material used, etc.	\$42. 01	General expenses, 1909.
Do.....	do.....	Sacramento, Stockton, San Francisco, Santa Barbara, Los Angeles, Cal.; Tucson, Ariz.; San Antonio, Beaumont, Tex.; New Orleans, La.; Eustis, Mount Dora, Miami, Fla.; and adjacent points. (Apr. 26-June 9, 1909.)	To establish an experiment station, conduct experiments with hops, investigate the growing of crop plants for tannin production, and other work connected with drug and poisonous plant investigations.	162. 24	Do.
Straughn, M. N.....	Scientific assistant.....	Gainesville, Ga.; and Clemson College, S. C. (Mar. 8-17, 1909.)	Planting experimental breeding plats of sweet corn.	89. 35	Do.
Do.....	do.....	Clemson College, S. C. (Apr. 6-9, 1909.)	Planting experimental corn plats.....	41. 55	Do.
Stuart, William.....	Collaborator.....	Burlington, Vt., to Washington, D. C., and return. (Mar. 21-23, 1909.)	To confer with officers of the bureau relative to proposed work in truck crop and horticultural investigations.	87. 76	Do.
Do.....	do.....	Burlington, Vt., to Washington, D. C., and return. (June 16-26, 1909.)	do.....	93. 08	Do.
Stubenrauch, Arnold V.....	Expert.....	Los Angeles, Cal., to Washington, D. C., and return. (Nov. 15-Dec. 5, 1908.)	To confer with officers of the bureau relative to investigations in fruit marketing, transportation and storage in California.	196. 74	Do.
Swingle, Walter T.....	Physiologist in charge of plant life history investigations.	Ithaca and Elmira, N. Y. (July 7-11, 1908.)	To deliver lectures at Cornell University and confer with Dr. H. J. Webber relative to citrus breeding work.	15. 35	Do.
Do.....	do.....	Manhattan, Topeka, Kans.; Grand Junction, Colo.; Reno, Nev.; San Francisco, Chico, Monterey; Pacific Grove, Los Angeles, Cal.; Albuquerque, N. Mex.; and other points in States named. (Aug. 21, 1908-Feb. 20, 1909.)	Studying the life history of dates, citrus fruits, etc., and investigating crop plants in cooperation with other offices of the bureau, and cooperative work with the Office of Indian Affairs.	834. 41	Do.
Do.....	do.....	Glen St. Mary, Daytona, Orlando, Eustis, and other points in Florida. (Mar. 19-May 29, 1909.)	do.....	322. 98	Do.
Taylor, James R.....	Cotton classifier.....	Dallas, Tex., to Washington, D. C., and return (via Memphis, Tenn.; New Orleans, La.; Atlanta, Ga.; Charleston, S. C.; and New York, N. Y.). (Jan. 20-Feb. 11, 1909.)	To visit cotton markets, inspect classified cotton samples and attend conference at Washington, D. C., for the purpose of establishing official grades of American cotton.	266. 97	Do.

Taylor, William A.	Pomologist in charge of field investigations in pomology.	Ithaca, Geneva, Rochester, N. Y.; Ottawa, Canada; Chicago, Ill.; Madison, Wis.; Charles City, Iowa; St. Paul, Minn.; Fargo, N. Dak.; and Brookings, S. Dak. (July 20-Aug. 24, 1908.)	Conferring with breeders of hardy fruits to ascertain what varieties and wild species should be introduced from Asia to assist in developing more hardy forms of cultivated fruit in the United States.	171. 29	Foreign seed and plant introduction, 1909.
Do.	do.	New York, N. Y.; Hartford, South Glastonbury, and New Haven, Conn.; Northampton, Amherst, Mass. (Sept. 7-9, 1908.)	Inspecting peach and apple orchards and methods of handling fruit, examining general conditions, and conferring with authorities relative to work on field investigations in pomology.	29. 38	General expenses, 1909.
Tenny, Lloyd S.	Pomologist.	New York, Syracuse, Albany, and Rochester, N. Y. (Aug. 11-Oct. 4, 1908.)	To confer with fruit growers relative to methods of packing, shipping, and storing fruit.	185. 72	Do.
Do.	do.	Jacksonville, Orlando, Tan- pa, Braden- town, Arcadia, Florence Villa, and other points in Florida. (Nov. 9, 1908-Feb. 6, 1909.)	Prosecuting fruit marketing, transportation, and storage investigations.	415. 27	Do.
Do.	do.	Ocean Springs, Miss.; New Orleans, La.; Houston, Brownsville, Tex.; St. Louis and Kansas City, Mo. (Mar. 2-19, 1909.)	To investigate the status of the citrus in- dustry.	197. 50	Do.
Do.	do.	New York, Hilton, Rochester, N. Y., and Daytona, Fla. (May 14-22, 1909.)	Conferring with parties in the wholesale districts of New York relative to fruit transportation and storage and attending the meeting of the Florida State Horticul- tural Society.	123. 75	Do.
Thayer, Nathaniel M.	Collaborator.	Boston, Mass., to Washington, D. C., and return. (Feb. 1-3, 1908.)	To confer with the Secretary of Agriculture and other officers of the department rela- tive to establishing official grades of Ameri- can cotton.	46. 10	Do.
Thompson, Harry.	Expert.	Seattle, Wash., to Washington, D. C., and return (via Marshfield, Wis.; Duluth, Minn.; Spokane and Pull- man, Wash.). (June 10-30, 1909.)	For conference with officers of the bureau concerning investigations in clearing logged-off lands for farming purposes.	234. 02	Do.
Thompson, John B.	do.	Baltimore and other points in Mary- land. (Apr. 10-13, 1908.)	To inaugurate cooperative experiments with clovers, and alfalfa extension work.	14. 00	Purchase and distribu- tion of valuable seeds, 1909.
Townsend, Charles, O.	Pathologist in charge of sugar-beet investiga- tions.	Los Angeles, Oxnard, Visalia, San Francisco, Cal.; Fallon, Nev.; Salt Lake City, Garland, and Nephi, Utah; Spokane, Fairfield, Wash.; Blackfoot and Sugar City, Idaho; Bozeman, Billings, Mont.; Brook- ings, S. Dak.; St. Paul, Minn.; De- troit, Erie, Lansing, Bay City, Mich.; Toledo, Fremont, Ohio; Phoenix, Glendale, Ariz.; and other points in States named. (July 1-Aug. 6, 1908.)	Inspecting sugar-beet fields, studying dis- eases and other conditions and conferring with experiment-station officials relative to sugar-beet investigations.	759. 65	General expenses, 1909.
Do.	do.	Toledo, Fremont, Ohio; Bay City, Detroit, Alma, Owosso, Erie, Mich.; and other points in States named. (Sept. 17-30, 1908.)	do.	91. 67	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Townsend, Charles O.....	Pathologist in charge of sugar-beet investigations.	Roanoke, Pulaski, and Berryville, Va. (Oct. 26-30, 1908.)	To investigate conditions for growing sugar beet for seed and establishing the sugar-beet industry in Virginia.	\$29. 10	General expenses, 1909.
Do.....	do.....	Baltimore, Md., and return. (Dec. 28-31, 1908.)	To attend meeting of the American Association for the Advancement of Science, and present paper on plant diseases.	3. 75	Do.
Do.....	do.....	Columbia, Mo.; La Junta, Rocky Ford, Las Animas, Fowler, Avondale, and Lamar, Colo. (Jan. 4-23, 1909.)	To attend meetings of the American Breeders' Association and meetings of sugar-beet growers, and consult with experiment-station officials.	151. 44	Do.
Do.....	do.....	Berryville, and other points in Virginia. (Mar. 9-13, 1909.)	To address farmers' meetings on sugar-beet cultivation, and arrange cooperative experiments with farmers.	33. 20	Do.
Do.....	do.....	Chicago, Ill.; Salt Lake City, Ogden, Lehi, Utah; Blissfield, Detroit, Mich.; and other points in States named. (Apr. 5-May 2, 1909.)	Supervising preparation of ground and the planning for sugar-beet experiments, and consulting with sugar-company officials relative to conducting experiments.	295. 77	Do.
Do.....	do.....	Berryville, and other points in Virginia. (May 9-15, 1909.)	Conferring with experimenters and superintending the planting of beet seed.	48. 55	Do.
Tracy, John E. W.....	Assistant superintendent of testing gardens.	Logan, Utah; Stockton, Sacramento, Chico, Cal.; Fairfield, Spokane, Seattle, Wash.; Duluth, Minn.; and other points in States named. (July 1-Aug. 24, 1908.)	Examining tests of sugar beet, flower, and vegetable seeds grown in connection with the congressional seed distribution.	426. 27	Purchase and distribution of valuable seeds, 1909.
Do.....	do.....	Grand Rapids, Holland, Lansing, Detroit, Mich., and Geneva, N. Y. (May 12-18, 1909.)	Consult with state experiment officials relative to sugar-beet bulletin.	69. 67	Do.
Do.....	do.....	New York, N. Y.; Lansing, Mich.; Chicago, Ill.; Fairfield, Wash.; and other points in States named. (June 13-30, 1909.)	Inspecting tests of sugar beet and other seeds, and miscellaneous work pertaining to the congressional seed distribution.	183. 80	Do.
Tracy, Samuel M.....	Special agent.	Blox4, Miss., to Washington, D. C., and return. (Dec. 1-3, 1908.)	To confer with officials of the bureau relative to future work in the growth of cassava varieties, and the introduction of forage crops suitable to the Gulf coast region.	61. 05	Do.
Tracy, Will W., sr.....	Superintendent of testing gardens.	Fairford, Hockanum, Willimantic, Conn., and New Brunswick, N. J. (July 7-9, 1908.)	To examine the seed crops of the department and inspect variety trials.	26. 53	General expenses 1909.

Do.	do.	Columbia, Mo.; Lincoln, Waterloo, Nebr.; St. Anthony Park, Minn.; and Detroit, Mich. (Aug. 9-19, 1908.)	Studying corn in location trials, and variety tests of sweet corn, melons, cucumbers, etc.	121. 53	Do.
Do.	do.	Philadelphia, Pa.; Newfield, N. J.; New York, N. Y.; Hartford, Wethersfield, Conn.; White River Junction and Richmond, Vt. (Aug. 30-Sept. 8, 1908.)	Inspecting trial plots in connection with sweet corn tests and miscellaneous vegetables.	54. 24	Do.
Do.	do.	New York, Mattituck, N. Y.; Hightstown, N. J.; Hartford, Conn.; and intermediate points. (Oct. 17-28, 1908.)	Inspecting seed tests	43. 14	Do.
Do.	do.	Columbia, Mo., and return. (Jan. 5-10, 1909.)	To attend meeting of the American Breeders' Association.	61. 07	Do.
Do.	do.	Norfolk, Va., and return. (Apr. 1-4, 1909.)	To continue work on variety trials with vegetables.	17. 30	Do.
Do.	do.	Boston, Concord, Arlington, Mass.; New York, Mattituck, N. Y.; Morristown, N. J.; and Philadelphia, Pa. (May 16-22, 1909.)	do.	54. 05	Do.
Do.	do.	Norfolk, Portsmouth, Va., and vicinity. (June 16-19, 1909.)	do.	23. 79	Do.
Do.	do.	Philadelphia, Bristol, Pa.; Morristown, Swedesboro, N. J.; Boston and Concord, Mass. (Jan. 23-30, 1909.)	do.	48. 64	Do.
True, Rodney H.	Physiologist in charge of drug, poisonous plant, and tea investigations.	Boston, Woods Hole, Merrimac, Mass.; Augusta and Caribou, Me. (July 2-Aug. 15, 1908.)	Investigating utilization of potatoes for denatured alcohol production.	107. 24	Do.
Do.	do.	New York City and return. (Sept. 14-17, 1908.)	To investigate lemon-storage problems and consult with dealers in regard to marketing experimental crop of paprika peppers and drug plant material.	22. 00	Do.
Do.	do.	Chicago, Ill., and Madison, Wis. (Sept. 18-Oct. 18, 1908.)	To investigate possibilities in the utilization of potatoes as a source of industrial alcohol, and visit laboratories and educational institutions in quest of men and equipment for departmental work.	102. 29	Do.
Tull, John H.	Expert.	Jacksonboro, S. C., and return. (July 4-10, 1908.)	To investigate methods of curing sedges and rushes.	54. 35	Do.
Umberger, Harry J. C.	Assistant agronomist.	Minneapolis, Minn.; Fargo, Dickinson, N. Dak.; Moore, Mont.; McPherson, Kans.; Amarillo and Dalhart, Tex. (Aug. 6-Oct. 24, 1908.)	To visit experimental farms, stations, and farmer cooperators relative to cultivation of wheat and study cereal diseases and general grain work.	330. 35	Do.
Do.	do.	Amarillo and Dalhart, Tex. (Feb. 25-Apr. 8, 1909.)	Planning and executing field work in dry-land cereals and assisting in general work of dry-land agriculture.	186. 40	Do.
Vedder, Charles A.	Collaborator.	Galveston, Tex., to Washington, D. C., and return. (Jan. 28-Feb. 8, 1909.)	To confer with the Secretary of Agriculture and other officials of the department relative to establishing official grades of American cotton.	197. 30	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Verner, S. P.	Collaborator	Columbia, S. C., and return. (July 31-Aug. 11, 1908.)	To confer with the chief of bureau and office of foreign seed and plant introduction relative to introducing an African rubber plant into the United States.	\$40.14	General expenses, 1909.
Vinnall, Harry N.	Scientific assistant.	Denver, Akron, Colo.; Chillicothe, Amarillo, Dalhart, Tex.; Hutchinson, Ellsworth, Kans.; Kansas City, Mo.; Chicago, Ill.; and other points in States named. (July 3-Aug. 5, 1908.)	To study conditions affecting the production of broom grass, timothy, and tall fescue, and forage crops in the sandhill region of Nebraska.	187.94	Purchase and distribution of valuable seeds, B. P. I., 1909.
Do.	do.	Greensboro, Raleigh, N. C.; Summer-ville, Columbia, S. C.; Experiment, Ga.; Knoxville, Nashville, Tenn.; Hamilton, Ohio; and other points in States named. (Sept. 17-Oct. 15, 1908.)	Inspecting cooperative tests with improved varieties of timothy and grass mixtures for meadows and pastures.	178.36	Do.
Do.	do.	Lincoln, Bassett, Dwight, Nebr.; Chariton, Bloomfield, Mission City, Iowa; and other points in States mentioned. (May 27-June 30, 1909.)	Visiting cooperators in connection with the testing and extension of dry-land forage crops, and compiling data on results of experiments.	158.70	Do.
Waite, Merton B.	Pathologist in charge of fruit diseases.	New York City and return. (July 2-7, 1908.)	To investigate peach yellows and winter injuries to fruit trees.	47.90	General expenses, B. P. I., 1909.
Do.	do.	Grand Rapids, Mich.; Buffalo, New York, N. Y.; Hartford and Middlefield, Conn. (July 18-Aug. 5, 1908.)	do.	89.70	Do.
Do.	do.	Winchester, Va., and return. (Sept. 28, 1908.)	To investigate results of spraying experiments.	7.90	Do.
Do.	do.	Fredericksburg, Va., and return. (Oct. 20, 1908.)	Investigating apple diseases and cause of the season's crop failure.	2.75	Do.
Do.	do.	Orangeturf, S. C., and return. (Mar. 9-13, 1909.)	Conducting spraying experiments.	36.65	Do.
Do.	do.	Winchester, Va., and return. (Mar. 22-23, 1909.)	Conferring with fruit growers and arranging orchard experiments.	8.40	Do.
Do.	do.	Orangeburg, S. C., and return. (Apr. 12-15, 1909.)	Investigating pecan diseases and results of spraying tests.	36.90	Do.
Do.	do.	Winchester, Va., and return. (May 3-12, 1909.)	Planning fertilizer and spraying experiments in apple orchards.	16.30	Do.
Do.	do.	Orangeburg, S. C., and return. (May 13-15, 1909.)	Conducting spraying experiments in pecan groves.	36.65	Do.
Do.	do.	Winchester, Va., and return. (May 17-20, 1909.)	To carry on fertilizer experiments.	8.20	Do.

Do.....do.....	Winchester, Va.; Orangeburg, Charleston, S. C., and vicinity. (June 1-12, 1909.)	Studying pecan and apple diseases and conducting fertilizer and spraying experiments.	15.35	Do.
Do.....do.....	Harrisburg and Bendersville, Pa. (June 17-19, 1909.)	Studying apple diseases.	20.00	Do.
Do.....do.....	Orangeburg, S. C., and return. (June 21-24, 1909.)	Investigating and spraying diseases.	12.90	Do.
Waldron, L. R.....	Dickinson, N. Dak., to Washington, D. C. (Jan. 23-Feb. 5, 1909.)	To write up report of season's work in plant life history and grain investigations, and assist in laboratory work with grains.	46.34	Do.
Walker, John A.....	Boston, Mass., to Washington, D. C., and return. (July 28-Aug. 3, 1909.)	To confer with officers of the bureau relative to grading of Egyptian cotton.	43.50	Do.
Warburton, Clyde W.....	Ames, Iowa; Highmore, Brookings, S. Dak.; and other points in States named. (July 1-Sept. 1, 1908.)	Conferring with station officials and arranging for cooperative work with oats.	203.41	Do.
Do.....do.....	Bloomington, McLean, Ill.; Cedar Rapids and Ames, Iowa. (Mar. 21-Apr. 12, 1909.)	To plant spring oats, arrange for cooperative experiments, and study conditions of oat cultivation.	99.73	Do.
Warren, Joseph A.....	Lincoln, Nebr., to Washington, D. C., and return. (Jan. 26-Feb. 29, 1909.)	To confer with officers of the bureau concerning future work in farm management investigations.	118.77	Do.
Westgate, John M.....	Ithaca, Buffalo, N. Y.; Minneapolis, Minn.; Fargo, N. Dak.; Brookings, S. Dak.; Lincoln, Nebr.; Bellefourche, S. Dak.; Manhattan, Kans.; Rocky Ford, Fort Collins, Colo.; and other points in States mentioned.	To attend a meeting of the American Society of Agronomists and read a paper on "Sand lucerne"; to investigate results of cooperative alfalfa tests; and study the history and value, etc., of different varieties of alfalfa.	320.43	Purchase and distribution of valuable seeds B. P. I., 1909.
Do.....do.....	Columbia City, Angola, Ind., and Wooster, Ohio. (Jan. 18-23, 1909.)	To address the women's auxiliary of farmers' grange on "Ballustration of education," and lecture before farmers' institutes on the subject of alfalfa; and arrange for cooperative work at stations.	49.87	Do.
Do.....do.....	Reading, Pa., and return. (Mar. 5-6, 1909.)	To address the county agricultural association on the subject of alfalfa, and instruct farmers on alfalfa cultivation.	16.79	Do.
Do.....do.....	Port Conway, Va.; Troy, Pa., and Ithaca, N. Y. (May 12-26, 1909.)	Inspecting alfalfa experiments.	50.26	Do.
Webster, P. J.....	Miami, Fla., to Washington, D. C., and return. (Dec. 7, 1908-Jan. 6, 1909.)	To consult with officers of the bureau relative to work at the subtropical laboratory and garden at Miami; and visit agricultural and congressional libraries to collect data for a mango bulletin.	165.27	General expenses, B. P. I., 1909.
Wheeler, B. C.....	Cincinnati, Ohio, and return. (May 18-21, 1909.)	To inspect and test machinery under construction for the bureau.	33.00	Do.
White, Howard M.....	Bradentown, Clearwater, and other points in Florida. (Nov. 30, 1908-Feb. 7, 1909.)	To study handling of orange crops in the groves and packing houses.	303.29	Do.
Do.....do.....	Riverside, Los Angeles, and other points in California. (Mar. 19-June 30, 1909.)	To assist in the prosecution of fruit marketing, transportation and storage investigations.	267.43	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Whittaker, H. A.	Scientific assistant.	Minneapolis, Minn., to Washington, D. C., and return. (Jan. 15-Feb. 6, 1909.)	To prepare a bulletin on the subject of farm water supplies in the State of Minnesota.	8148. 90	General expenses, B. P. I., 1909.
Wight, William F.	Assistant botanist.	Burlington, Vt.; Boston, Mass., and New York City. (July 13-Aug. 10, 1908.)	Studying and identifying cultivated plants to assist in establishing a standard and uniform nomenclature.	163. 72	Do.
Do.	do.	Niagara Falls, N. Y.; Detroit, Benton Harbor, Mich.; Caruthersville, Mo.; Ferriday, New Orleans, La.; Pierce, Corpus Christi, Brownsville, Tex.; Tucson, Ariz.; Santa Barbara, San Francisco, Chico, and Bakersfield, Cal. (Aug. 18-Oct. 17, 1908.)	To secure material for the economic collection of the department; visit trial grounds and nurseries to secure specimens and descriptions of plants introduced by the Bureau of Plant Industry, and other cultivated plants.	383. 83	Do.
Do.	do.	Boston, Mass., and New York City. (Apr. 6-13, 1909.)	Visiting Arnold arboretum and Gray herbarium, studying the tuber-bearing species of solanum, etc.	36. 05	Do.
Do.	do.	Geneva, Ithaca, and New York, N. Y.; Ottawa, Canada; Burlington, Vt. (May 10-June 11, 1909.)	To secure material and descriptions of plants relative to investigations of the systematic botany of fruits and nuts cultivated in America; conferring with Vermont Experiment Station officials concerning cooperative work, and collecting material of economic plants.	106. 66	Do.
Woods, Albert F.	Assistant chief of bureau.	New Orleans, La.; San Antonio, Tex.; Phoenix, Yuma, Ariz.; Riverside, Redlands, Los Angeles, San Diego, San Francisco, Santa Paula, Santa Barbara, Cal.; Nephi, Utah; Denver, Colo.; North Platte, Lincoln, and Omaha, Nebr. (Apr. 1-May 11, 1909.)	Inspecting work at experiment stations, reclamation work in Arizona, orange groves and packing houses, and miscellaneous work in fruit transportation and storage; visiting pathological laboratories and universities and conferring with co-operators concerning various pathological and physiological investigations.	310. 28	Do.
Woosley, H.	Special agent.	Lexington, Ky., to Washington, D. C., and return. (Jan. 11-20, 1909.)	To confer with officers of the bureau relative to the tobacco work in Kentucky and Tennessee.	76. 40	Do.
Young, Robert A.	Scientific assistant.	Gotha, Orange City, De Land, Bayard, St. Augustine, Fla.; Roscoe, Ala.; Bonneau Ferry and Gough, S. C. (Nov. 11-29, 1908.)	To confer with co-operators and experimenters relative to the Yautia and Taro crops and other introduced plants.	144. 16	Do.

Young, Thomas B.....	do.....	New York City and return. (Jan. 25-29, 1909.)	To investigate market conditions and trade requirements of paprika peppers and drug-plant materials.	22.40	Do.
Do.....	do.....	Timmons ville, S. C. (Feb. 3, 1909.)....	To take up experimental field work in connection with drug-plant investigations at Florence and Ebenezer.	69.25	Do.
Youngblood, Bonney.....	Special agent.....	Oklahoma City, Okla., to Washington, D. C., and return. (Jan. 22-Mar. 9, 1909.)	To confer with the officers of the bureau relative to farm-management investigations in Oklahoma and Texas.	121.30	Do.
Zook, Leslie L.....	Scientific assistant in corn investigations.	Lincoln, Humboldt, Auburn, Nebr.; Chico, Los Angeles, Cal.; Fallon, Nev.; Yuma, Ariz.; Chicago, Ill., and other points in States named. (Feb. 23-June 30, 1909.)	To plant experimental plots of corn, confer with growers relative to seed selection; to organize cooperative experiments with improved yellow corn, and instruct farmers in methods of corn breeding and improvement.	411.16	Do.
FOREST SERVICE.					
Aarens, Minnie B.....	Clerk.....	San Francisco, Cal. (Dec. 1-8, 1908.)..	Taking new station, western headquarters..	116.45	General expenses, Forest Service, 1909. Do.
Adams, Bristow.....	Expert.....	Washington to Detroit, Mich., and return via Buffalo, Rochester, New York, and Philadelphia. (Aug. 18-31, 1908.)	To address National Association of Box Manufacturers and to inspect addressing-machine equipment to be purchased by the service.	87.29	Do.
Do.....	do.....	Washington to Chicago and return via Decatur, Ill.; and Fort Wayne and La Grange, Ind. (Nov. 6-13, 1908.)	To meet members of women's clubs with regard to extension of forest education.	77.31	Do.
Do.....	do.....	Washington to New York and return. (Dec. 6-12, 1908.)	To address public schools and confer with teachers regarding forest study.	47.76	Do.
Do.....	do.....	Washington to Philadelphia and return. (Jan. 31-Feb. 2, 1909.)	To address Franklin Institute.....	19.54	Do.
Do.....	do.....	Washington to Madison, Wis., and return. (Feb. 13-17, 1909.)	To address forest students, University of Wisconsin.	68.10	Do.
Adams, James B.....	Assistant forester.....	Washington to Walcott, Wyo., Denver, and other points in Colorado, Ogdén, and other points in Utah, San Francisco, Sonora, Cal.; Portland, Oreg.; Seattle and other points in Washington; Portland, Oreg.; San Francisco, Cal.; Ogdén, Utah; Denver, Colo.; Washington, D. C. (July 1-Aug. 29, 1908.)	To consult with and instruction of forest officers regarding the conduct of national-forest business; to look into efficiency of personnel of forests; to prescribe better and more effective methods of keeping national-forest records, both at the supervisors' offices and by men engaged continuously in field work, and to look into conditions of roads and trails, telephone lines, etc., built by the Forest Service.	614.80	Do.
Do.....	do.....	Washington to Ogdén, Utah and return. (Dec. 26, 1908-Jan. 4, 1909.)	do.....	162.40	Do.
Do.....	do.....	Washington to Denver, Colo.; Ogdén, Utah; Missoula, Mont.; Portland, Oreg.; San Francisco, Cal.; Ogdén, Utah; Denver Colo.; Washington, D. C. (Mar. 17-May 2, 1909.)	do.....	426.25	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Aiken, Wm. M.	Law examiner.	Missoula, Mont. (Nov. 21-Dec. 3, 1908.)	Taking new station, western headquarters...	\$96.50	General expenses, Forest Service, 1909.
Allen, Miss F. M.	Clerk.	Albuquerque, N. Mex. (Dec. 1-4, 1908.)	do.	75.70	Do.
Allen, R. W.	Forest assistant.	Washington to Walcott, Wyo. (July 25-31, 1908.)	Assisting supervisors in arranging and handling sales of timber, and in other timber work.	72.90	Do.
Annen, Miss Eva.	Clerk (S. and T.).	Missoula, Mont. (Dec. 1-5, 1908.)	Taking new station, western headquarters.	86.05	Do.
Amnen, Miss Matilde.	do.	do.	do.	85.75	Do.
Anderson, Geo. G.	Assistant in office methods.	Washington to Denver, Colo.; Ogden, Utah; Butte and Missoula, Mont.; Spokane, Wash.; Portland, Oreg.; San Francisco, Cal.; Albuquerque, N. Mex.; Chicago, Ill.; Washington, D. C. (Dec. 1, 1908-Jan. 23, 1909.)	To install filing system in district offices and give instructions in office methods generally.	427.35	Do.
Anderson, Miss Josephine R.	Clerk.	Portland, Oreg. (Nov. 18-Dec. 6, 1908.)	Taking new station, western headquarters.	114.30	Do.
Arnold, G. S.	Expert.	Washington to New Haven, Conn., and return. (Aug. 14-20, 1908.)	Investigation at Yale Law School of the fitness of the applicants for position of experts in the office of law.	26.00	Do.
Do.	do.	Washington to Denver, Glenwood Springs, Colo.; Helena, Mont.; Minneapolis, Minn.; Chicago, Ill.; Washington, D. C. (Aug. 30-Oct. 6, 1908.)	Inspection of district law offices.	345.74	Do.
Do.	do.	Washington to Denver, Colo. (Nov. 29-Dec. 2, 1908.)	Temporarily assigned to position of district law officer at Denver, Colo.	64.35	Do.
Asquith, Miss Bertha W.	Clerk.	Albuquerque, N. Mex. (Dec. 20-31, 1908.)	Taking new station, western headquarters.	78.85	Do.
Backus, G. T.	Forest agent.	Washington to points in Alabama, North Carolina, South Carolina and return to Washington. (Feb. 23-June 7, 1909.)	Study of forest conditions in cooperation with private owners.	151.04	General expenses, Forest Service, 1909, \$12.65.
Bain, Mrs Virginia M.	Clerk.	San Francisco, Cal. (Nov. 28-Dec. 7, 1908.)	Taking new station, western headquarters.	114.85	Cooperative work, forest investigations, 1909, \$138.39.
Baker, Hugh P.	Forest assistant.	Washington to Des Moines, Iowa; Grand Rapids, Mich.; Tyrone, Pa.; Pittsburgh, Pa. (Sept. 2-11, 1908.)	Study of forest conditions in cooperation with the States of Iowa and Michigan, and also with private owners.	116.66	General expenses, Forest Service, 1909.
Baker, Miss Margaret E.	Clerk (S. and T.).	Albuquerque, N. Mex. (Dec. 1-4, 1908.)	Taking new station, western headquarters.	73.30	Do.

Balthus, R. F.	Forest assistant.	Washington to Magdalena, N. Mex. (July 1-28, 1908.)	112.28	Do.
Barksdale, Miss S. P.	Clerk.	Albuquerque, N. Mex. (Dec. 5-12, 1908.)	78.35	Do.
Barnes, Will C.	Chief, section of allotment.	Washington to Chicago, Ill.; Denver and other points in Colorado; Albuquerque, N. Mex.; Grand Canyon, Ariz.; Los Angeles, San Francisco, Cal.; Austin and other points in Nevada; San Francisco, Los Angeles, Cal.; Ash Fork and other points in Arizona; Albuquerque, N. Mex.; El Paso, Tex.; Alamogordo and other points in New Mexico; Chicago, Ill.; Washington, D. C. (Sept. 12-Dec. 10, 1908.)	758.56	Do.
Do.	do.	Washington to Chicago, Ill.; Phoenix and other points in Arizona, San Francisco, Cal.; Ogden, Utah; Washington, D. C. (Jan. 16-Feb. 5, 1909.)	291.10	Do.
Barnett, David	Forest supervisor.	Washington to Austin, Nev. (Oct. 3-20, 1908.)	126.45	Do.
Bartrum, S. C.	do.	Washington to Roseburg, Oreg. (Sept. 1-21, 1908.)	122.70	Do.
Bates, C. G.	Forest assistant.	Washington to Denver, Colo. (Mar. 11-18, 1909.)	71.15	Do.
Bell, Miss Erma F.	Clerk.	Portland, Oreg. (Nov. 21-Dec. 31, 1908.)	108.30	Do.
Bell, Miss Matilde A.	do.	Albuquerque, N. Mex. (Dec. 1-5, 1908.)	71.50	Do.
Belt, David G.	do.	Washington to Shawona, Wis. (Sept. 8-12, 1908.)	40.00	Do.
Benedict, J. St. J.	Forest assistant.	Washington to Birmingham, Ala.; Atlanta, Ga.; and return to Washington. (Feb. 13-Apr. 17, 1909.)	80.30	Cooperative work, forest investigations, 1909.
Bentley, George A.	Clerk.	Washington to Rochester, N. Y.; and return (July 31-Aug. 5, 1908.)	31.30	General expenses, Forest Service, 1909.
Bentley, John, jr.	Forest assistant.	Denver, Colo. (Dec. 27, 1908-Jan. 1, 1909.)	77.05	Do.
Berger, Bertram P.	Clerk.	San Francisco, Cal. (Nov. 28-Dec. 7, 1908.)	113.45	Do.
Bernhardt, Miss Elsa J.	do.	Portland, Oreg. (Nov. 21-Dec. 7, 1908.)	110.60	Do.
Betts, H. S.	Assistant chief, wood utilization.	Washington to New York and return. (Feb. 8-13, 1909.)	26.05	Do.
		Address on structural timbers before Connecticut Society of Civil Engineers.		

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Betis, H. S.	Assistant chief, wood utilization.	Washington to San Francisco and return via Spokane, Wash.; Moscow, Idaho; Seattle, Wash.; and Portland, Oreg. (Trip not finished during fiscal year 1909.) (Apr. 24, 1909-June 30, 1909.)	To inspect work at timber-testing stations of Forest Service and to complete unfinished testing work at Berkeley, Cal.	\$396. 70	General expenses, Forest Service, 1909.
Boisen, A. T.		Washington to Lafayette, Ind. (May 17-June 9, 1909.)	To assist in testing the strength and other technical qualities of the wood of different hickories in connection with his study of hickories.	82. 74	Do.
Berry, Miss Mabel	Clerk (S. and T.).	Denver, Colo. (Nov. 3-Dec. 4, 1908.)	Taking new station, western headquarters.	56. 95	Do.
Borgfeldt, R. E. L.	Artist draftsman.	San Francisco, Cal. (Nov. 30-Dec. 6, 1908.)	do.	118. 70	Do.
Brader, Miss Lucy	Clerk.	Portland, Oreg. (Dec. 1-6, 1908.)	do.	109. 15	Do.
Bradfield, Wesley	Forest assistant.	(Trip begun in fiscal year 1908.) Carbondale, Ill., to Champaign, Ill., to Washington, D. C. (July 8-26, 1908.)	Study of forest conditions in Illinois in cooperation with State.	42. 92	Do.
Do.	do.	Washington to Ann Arbor, Grand Rapids, Mich.; Chicago, Ill.; Ironwood, Detroit, Mich.; Washington, D. C. (Oct. 16-Dec. 23, 1908.)	Wood-lot examinations. (Cooperation with private owners.)	285. 53	General expenses, Forest Service, 1909—\$130.06.
Do.	do.	Washington to Pulaski, Va., and return. (Jan. 15-16, 1909.)	Studies to determine the practicality on forest lands in Virginia in cooperation with an owner.	14. 50	Cooperative work, forest investigations, 1909—\$155.47.
Do.	do.	Washington to Newport, R. I.; Fall River, Mass.; Syracuse, N. Y.; Hudson, N. Y.; Lancaster, Pa. (Apr. 10-May 31, 1909.)	Studies to determine the practicality of forestry methods on forest lands in a naval reservation in cooperation with the Navy Department, and on private lands in cooperation with owners.	85. 09	General expenses, Forest Service, 1909.
Do.	do.	Washington to Chicago, Ill., to Albuquerque, N. Mex. (Trip not completed during fiscal year 1909.) (June 26-30, 1909.)	To permanent station in the field.	73. 30	Do.
Do.	do.	Washington to Shawona, Wis. (July 21-24, 1908.)	Travel to permanent headquarters.	36. 55	Do.
Brantiff, E. A.	do.	Washington to New York and return. (Jan. 17-21, 1909.)	Conference with officers of Paper and Pulp Association regarding wood-pulp experiments.	38. 40	Do.
Bristol, H. Stanley	Expert, wood chemistry.				

Do.....	do.....	Washington to New York and return. (Feb. 3-6, 1909.)	Address before American Pulp and Paper Association.	38.37	Do.
Brothers, C. S.....	Clerk.....	Ogden, Utah. (Dec. 1-7, 1908.)	Taking new station, western headquarters...	85.00	Do.
Brower, Asa L.....	Forest assistant.....	Washington, D. C., to various points in Florida, Alabama, Georgia, Louisiana, Texas, and Mississippi and return to Washington. (July 11-Nov. 30, 1908.)	To make study of turpentine production under special appropriation for turpentine investigations in agricultural appropriation bill.	635.99	Naval stores industry.
Do.....	do.....	Washington to Sioux City, Iowa; Denver, Colo.; and Ogden, Utah. (Feb. 11-28, 1909.)	To inspect products work and take charge office of products at Ogden, Utah.	101.00	General expenses, Forest Service, 1909.
Brown, Miss Bertha M.....	Clerk (S. and T.).....	San Francisco, Cal. (Nov. 30-Dec. 8, 1908.)	Taking new station, western headquarters.....	111.75	Do.
Brown, Henry D.....	Messenger.....	Portland, Ore. (Nov. 19-Dec. 2, 1908.)	do.....	105.90	Do.
Brown, Nelson C.....	Forest assistant.....	Washington to Bozeman and other points in Montana and return to Washington. (July 1-Dec. 18, 1908.)	Study of timber supply on national forests and on private holdings in Montana.	390.45	General expenses, Forest Service, 1909—\$323.25.
Do.....	do.....	Washington to various points in Alabama, Florida, and Georgia and return to Washington. (Jan. 1-Mar. 6, 1909.)	Woodlot examinations. (Cooperation with private owners.)	229.95	Cooperative work, forest investigations, 1909—\$67.20.
Bruce, Eugene S.....	Expert lumberman.....	Washington to Albany, N. Y., and return. (July 1-31, 1908.)	To give expert advice and information to representatives of the State of New York in connection with the case of the people of New York against the Brooklyn Cooperative Co. and Cornell University. Also to select an experienced riverman to improve streams for driving logs on the Menominee Indian Reservation, Wis.	60.70	General expenses, Forest Service, 1909—\$74.10.
Do.....	do.....	Washington to Missoula and other points in Montana and return to Washington. (Aug. 24-Oct. 31, 1908.)	Inspection of timber sale work.....	386.08	Do.
Do.....	do.....	Washington to Tupper Lake, N. Y., and return. (Nov. 1-30, 1908.)	To select experienced men for logging work on Indian reservations and national forests.	68.75	Do.
Do.....	do.....	Washington to Milwaukee, Wis., and return. (Jan. 31-Feb. 5, 1909.)	To inspect timber work on Indian reservations in Wisconsin, in cooperation with the Indian Office.	69.70	Do.
Do.....	do.....	Washington to Albuquerque, N. Mex., points in Arizona, and return to Washington. (Apr. 14-May 15, 1909.)	To instruct and inspect supervisors in timber sale business on national forests.	309.20	Do.
Do.....	do.....	Washington to Shawano, Wis., and return to Washington. (June 16-30, 1909.)	To confer with officers in charge of timber work on Indian reservations in Wisconsin.	76.35	Do.
Brunner, Chas. C.....	Bookkeeper.....	Washington to Portland, Ore. (Dec. 1-6, 1908.)	Taking new station, western headquarters...	114.55	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Bryan, Mrs. Louise N.	Map colorist.	Missoula, Mont. (Nov. 30-Dec. 4, 1908.)	Taking new station, western headquarters.	\$84.95	General expenses, Forest Service, 1909.
Buck, C. J.	Forest supervisor.	Washington to Medford, Oreg. (Nov. 13-18, 1908.)	Returning to headquarters in the West after serving detail in the Washington office to assist in administrative duties.	109.90	Do.
Burnham, Mrs. Jennie B.	Clerk.	Ogden, Utah. (Nov. 30-Dec. 5, 1908.)	Taking new station, western headquarters.	85.30	Do.
Burns, Findley.	Expert.	Washington to Chicago, Ill.; Ogden, Utah; San Francisco, Cal.; Portland, Oreg.; Minneapolis, Minn., and return to Washington. (July 1-Aug. 8, 1908.)	To consult with field officers concerning publications of work done under their supervision during year.	312.45	Do.
Burns, Mark.	Lumberman.	Washington to Ashland, Wis. (Mar. 25-28, 1908.)	Travel to permanent headquarters.	40.20	Do.
Butler, O. M.	Deputy forest supervisor.	Washington to Ogden, Utah. (Nov. 24-Dec. 4, 1908.)	.....do.....	85.90	Do.
Calkins, Hugh G.	Forest assistant.	Washington to Flagstaff, Ariz. (July 3-31, 1908.)	Examination of forest conditions and estimate of timber on the Coconino National Forest.	105.35	Do.
Campbell, J. K.	Chief, section of water.	Washington to St. Louis, Mo.; San Francisco, Redding, Willows, Cal.; Albuquerque, Silver City, Magdalena, N. Mex. (July 30-Nov. 30, 1908.)	To inspect grazing work on the national forests, instruct supervisors, and assist in adjusting grazing questions.	565.12	Do.
Campbell, R. L.	Clerk.	Washington to Chicago, Ill.; Denver, and other points in Colorado; Wolfcott, Wyo.; Ogden, Utah; Boise, Idaho; Portland, Oreg.; Seattle, Wash.; Missoula and other points in Montana. (July 3-Nov. 30, 1908.)	Inspection and instruction.	574.23	Do.
Carter, E. E.	Assistant forester.	Washington to Walcott, Wyo.; Denver, Fraser, Colo., and return. (July 10-Aug. 2, 1908.)			
Do.	do.	Washington to Denver, Vascos, Colo.; Halsey, Nebr., and return to Washington. (Aug. 26-Sept. 10, 1908.)	To confer with local forest officers in regard to the sale of timber and forest planting on national forests and to outline future work.	194.20	Do.
Do.	do.	Washington to Asheville, N. C., and return. (Nov. 18-25, 1908.)	.....do.....	156.25	Do.
Do.	do.	Washington to Brunswick, Me.; New Haven, Conn., and return to Washington. (Jan. 9-24, 1909.)	Study of forest conditions in parts of North Carolina.	72.60	Do.
			Establishment of permanent sample plots in Maine, and lectures at the Yale forest school.	56.30	Do.

Do.....	do.....	Washington to Denver, Colo.; Albuquerque, N. Mex.; El Paso, Tex.; Corona and other points in New Mexico; Tucson, Ariz.; Los Angeles, San Francisco, Cal.; Portland, Oreg.; Missoula, Butte, Mont.; Ogden, Utah; Denver, Colo.; Garden City, Kans.; Ann Arbor, Mich.; Washington, D. C. (Jan. 29-Apr. 4, 1909.) and return. (June 3-30, 1909.)	To confer with local forest officers in regard to the sale of timber and forest planting on national forests, and to outline future work. Lectures on forestry and the national forests at the University of Michigan.	531.84	Do.
Do.....	do.....	Denver, Colo. (Dec. 1-4, 1908.)	To confer with local forest officers in regard to the sale of timber and forest planting on national forests and to outline future work.	222.95	Do.
Cates, John M.	Law examiner.	Portland, Oreg. (Nov. 17-30, 1908.)	Taking new station, western headquarters	60.00	Do.
Cecil, George H.	Assistant chief of organization.	Washington to Albany, N. Y., and return. (July 7-12, 1908.)	do.....	155.40	Do.
Chapman, Chas. S.	Assistant forester	Washington to Albuquerque, N. Mex.; Flagstaff, Ariz.; Los Angeles, San Diego, and San Francisco, Cal.; Portland, Oreg.; Spokane, Wash.; Missoula and Butte, Mont.; Ogden, Utah; Denver, Colo.; and return to Washington. (Jan. 10-Mar. 5, 1909.)	To give expert advice and information to representatives of the State of New York in connection with the case of the People of New York against the Brooklyn Co. and Cornell University.	44.80	Do.
Do.....	do.....	Washington to Albuquerque, N. Mex.; Flagstaff, Ariz.; Los Angeles, San Diego, and San Francisco, Cal.; Portland, Oreg.; Spokane, Wash.; Missoula and Butte, Mont.; Ogden, Utah; Denver, Colo.; and return to Washington. (Jan. 10-Mar. 5, 1909.)	To consult with and instruct forest officers regarding the conduct of national forest business. To look into efficiency of personnel of forests. To prescribe better and more effective methods of keeping national forest records, both at the supervisors' offices and by men engaged continuously in field work. To look into conditions of roads, trails, telephone lines, etc., built by the Forest Service.	458.55	Do.
Do.....	do.....	Washington to Denver, Colo.; Portland, Oreg.; San Francisco, Cal. (Trip not completed during fiscal year 1909.) (May 15-June 30, 1909.) Albuquerque, N. Mex. (Nov. 29-Dec. 4, 1908.)	do.....	362.80	Do.
Cheshire, Miss Lillie A.	Clerk (S. and T.)	Ogden, Utah. (Nov. 30-Dec. 5, 1908.)	Taking new station, western headquarters	73.80	Do.
Childs, Miss Mary M.	Land law clerk	Washington to North Conway, N. H. (July 28, 1908.)	do.....	84.70	Do.
Chittenden, A. K.	Chief of federal cooperation.	Washington to Anaconda, Mont., and return. (Aug. 20-Sept. 12, 1908.)	Study of White Mountain watersheds under special congressional appropriation.	14.10	Do.
Do.....	do.....	Washington to Denver, Colo. (Nov. 28-Dec. 2, 1908.)	Study of effect of smelter fumes on forests.	266.43	Do.
Do.....	do.....	Trip begun in fiscal year 1908, Anaconda, Mont.; Shawano, Wis.; Chicago, Ill. (July 1-27, 1908.)	Travel to official station.	58.20	Do.
Clapp, E. H.	Chief of management	Washington to Asheville, N. C., and Albuquerque, N. Mex. (Nov. 18-30, 1908.)	Instruction of field officers on cooperative work and of supervisors in handling timber sales in national forests.	137.60	Do.
Do.....	do.....		Forest investigations in North Carolina, and travel to official station in field.	122.10	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Clark, Ernest D.	Forest assistant.	Washington to Knoxville, Tenn., points in Kentucky and Tennessee, and return to Washington. (July 1-Oct. 31, 1908.)	Study of forest conditions in cooperation with private owners.	\$399.82	General expenses, Forest Service, 1909—\$124.65.
Do.	do.	Washington to Birmingham, Ala., to various points in Alabama and Georgia, and return to Washington. (Jan. 24-June 14, 1909.)	Study of forest conditions in cooperation with the Tennessee Coal, Iron and Railroad Co.	288.23	Cooperative work, forest investigations, 1909—\$275.17.
Clarke, E. H.	Forest supervisor.	Washington to Salt Lake, Utah. (Oct. 15-21, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	77.15	General expenses, Forest Service, 1909—\$124.93.
Clark, E. F.	Forest assistant.	Washington to Seattle, Wash. (July 10-Aug. 1, 1908.)	Taking station on national forest.	114.50	Cooperative work, forest investigations, 1909—\$163.30.
Clark, Robert E.	do.	Washington to Deadwood, S. Dak. (July 12-31, 1908.)	Taking station on national forest.	83.80	General expenses, Forest Service, 1909.
Clifford, Edward C.	do.	Washington to Denver and other points in Colorado; Los Angeles and other points in California; Goldfield, and other points in Nevada. (July 9-Oct. 31, 1908.)	Assisting supervisors in the establishment of forest plantations on national forests.	597.84	Do.
Cline, McGarvey	do.	Washington to Jacksonville, Fla.; Raleigh, N. C.; Washington, D. C. (July 25-Aug. 2, 1908.)	To supervise investigation of turpentine production.	86.10	Do.
Do.	do.	Washington to St. Paul, Minn.; Seattle and Spokane, Wash.; Portland, Oreg.; San Francisco and other points in California; Winslow, Ariz.; Albuquerque, N. Mex.; Denver, Colo.; Washington, D. C. (Aug. 15-Oct. 2, 1908.)	To supervise products work in district offices.	402.60	Do.
Do.	do.	Washington to Buffalo, N. Y.; Indianapolis, La. Fayette, Ind.; Madison, Wis.; Champaign, Ill.; Little Rock, Ark.; New Orleans, La.; Charleston, S. C.; Washington, D. C. (Nov. 10-Dec. 5, 1908.)	To obtain information as to best location for a general forest products laboratory.	162.06	Do.

Do.....	do.....	Washington to Pittsburg, Pa.; Ann Arbor, Mich.; Ithaca, N. Y.; Washington, D. C. (Dec. 29, 1908-Jan. 2, 1909.)	To obtain information as to the best location for a forest products laboratory.	58.06	Do.
Do.....	do.....	Washington to Louisville, Ky.; La Fayette, Ind.; Chicago, Ill.; Indianapolis, Ind.; Washington, D. C. (Jan. 18-25, 1909.)	Address before National Hardwood Manufacturing Association; inspection of work at Purdue timber-testing laboratory.	87.46	Do.
Do.....	do.....	Washington to Minneapolis, Minn., and return. (Feb. 20-24, 1909.)	To obtain information as to best location for a forest products laboratory.	71.00	Do.
Do.....	do.....	Washington to Madison, Wis., and return. (Mar. 13-22, 1909.)	To arrange preliminaries for locating a forest products laboratory.	93.00	Do.
Do.....	do.....	Washington to Madison, Wis.; Chicago, Ill.; Denver, Norrie, and other points in Colorado; Albuquerque, N. Mex.; Los Angeles, Cal.; Portland, Ore.; Helena, Mont.; St. Paul, Minn.; Washington, D. C. (Apr. 24-June 11, 1909.)	General supervision of work of branch of products.	436.50	Do.
Clos, W. C.....	Chief, section of forage.....	Washington to Gainesville, Fla., and return. (Dec. 13-31, 1908.)	Investigating range conditions and the possibilities for improving them on southern pine lands.	99.65	Cooperative work, forest investigations, 1909.
Do.....	do.....	Washington to Denver, Colo., and return. (Feb. 10-Mar. 3, 1909.)	To confer with national forest officers and deliver a series of lectures on grazing matters at the Colorado College forest school.	144.50	General expenses, Forest Service, 1909.
Do.....	do.....	Washington to Salt Lake City. (Apr. 19-23, 1909.)	To investigate range conditions and to carry on studies looking to improvement of the range.	90.30	Do.
Conkling, David T.....	Forest supervisor.....	Washington to Bozeman, Mont. (Aug. 11-15, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	77.80	Do.
Cook, Arthur M.....	Forest assistant.....	Washington to Walcott, Wyo. (July 10-31, 1908.)	Taking station on national forest.....	88.45	Do.
Cook, John W.....	Clerk.....	Ordgen, Utah (Dec. 1-7, 1908.)	Taking new station, western headquarters.....	88.40	Do.
Cooper, Albert W.....	Forest assistant.....	Missoula, Mont. (Nov. 27, 1908)	do.....	72.40	Do.
Cooper, F. R.....	do.....	Washington to San Francisco, Cal. (Oct. 24-Dec. 6, 1908.)	Proceeding to new headquarters at San Francisco, Cal.	121.30	Do.
Cottrell, Miss L. W.....	Map colorist.....	Portland, Ore. (Dec. 1-6, 1908.)	Taking new station, western headquarters.....	112.35	Do.
Cousins, A. H.....	Clerk.....	Portland, Ore. (Dec. 2-9, 1908.)	do.....	114.90	Do.
Cox, Chester B.....	Forest assistant.....	Washington to Eugene, Ore. (July 9-20, 1908.)	Taking station on national forest.....	121.20	Do.
Cox, W. T.....	Assistant forester.....	Washington to Chicago, Ill.; Oshkosh, Wis.; Washington, D. C. (Aug. 30-Sept. 3, 1908.)	To negotiate for the building of a railroad to assist logging work on the Menominee Indian Reservation.	147.66	Do.
Do.....	do.....	Washington to St. Paul, Minn.; Bonners Ferry, Idaho; Katspelt, Mont.; St. Paul, Minn.; Chicago, Ill.; Washington, D. C. (Sept. 9-Oct. 18, 1908.)	To confer with local forest officers in regard to sale of timber and forest planting on the national forests.	187.31	Do.
Do.....	do.....	Washington to Chicago, Ill.; Milwaukee and other points in Wisconsin; St. Paul, Minn.; Washington, D. C. (Dec. 8, 1908-Jan. 2, 1909.)	Outfitting for local officer the timber sale work on Indian reservations in Wisconsin and Minnesota, at request of Indian Service.	191.05	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Cox, W. T.	Assistant forester.	Washington to Abingdon, Va., and return. (Mar. 14-17, 1909.)	Cooperative forest work; to get a measure of forestry into practice on a private estate where the object lesson would be valuable. To confer with local forest officers in regard to the sale of timber and forest planting on national forests, and to outline future work.	\$18. 45	General expenses, Forest Service, 1909.
Do.	do.	Washington to Missoula, Mont.; Sandpoint, Idaho; Seattle, and other points in Washington; Portland, Oreg.; San Francisco, Cal.; Holbrook, Ariz.; Albuquerque, N. Mex.; Denver, Colo.; Ogden, Utah; Washington, D. C. (Mar. 19-May 12, 1909.)		532. 58	Do.
Do.	do.	Washington to Shawano, Ashland, Wis.; Duluth, Minn. (Trip not finished during fiscal year 1909.) (June 16-30, 1909.)	To confer with local officers on Indian reservations and outline future work in regard to sales of timber and milling operations, at request of Indian Service.	75. 02	Do.
Crabb, E. H.	Forest guard.	Washington to Albuquerque, N. Mex. (Dec. 1-20, 1908.)	Proceeding to station in the West after serving three months' detail in Washington office to assist in administrative work.	86. 75	Do.
Craft, Q. R.	Clerk.	(Trip begun in fiscal year 1908.) Kansas City, Mo., to Washington, D. C. (July 1-18, 1908.)	To supervise the printing of blanks, file cards, and pasters required to stock the Forest Service supply depot at Ogden, Utah.	84. 69	Do.
Do.	do.	Ogden, Utah. (Dec. 1-31, 1908.)	Taking new station, western headquarters.	86. 30	Do.
Cramer, H. B.	Fiscal agent and chief of accounts.	Washington to Spokane, Wash., and return via Denver, Colo.; Billings, Mont.; St. Paul, Minn.; Chicago, Ill. (July 18-Aug. 12, 1909.)	Inspection and instruction in rendition of temporary special disbursing agents' accounts.	251. 07	Do.
Do.	do.	Washington to Denver, Colo., and return. (Sept. 13-21, 1908.)		114. 65	Do.
Do.	do.	Washington to Denver, Colo.; Ogden, Utah; Butte and Missoula, Mont.; Portland, Oreg.; San Francisco, Cal.; Albuquerque, N. Mex.; Chicago, Ill.; Washington, D. C. (Dec. 8-31, 1908.)	To arrange with Denver National Bank scheme of receiving deposits of revenues of national forests. Organization of district fiscal offices.	331. 35	Do.

Do.	do.	Washington to Albuquerque, N. Mex.; Los Angeles and San Francisco, Cal.; Ogden, Utah; Butte and Missoula, Mont.; Denver, Colo.; Chicago, Ill.; Washington, D. C. (Mar. 5-Apr. 16, 1909.)	Inspection of district fiscal offices.	439.65	Do.
Do.	do.	Washington to Albuquerque, N. Mex.; La Junta, Denver, Colo.; Missoula, Mont.; Spokane and Seattle, Wash.; Portland, Oreg.; San Francisco, Sonora, Cal.; Ogden, Utah. (Trip not finished during fiscal year 1909.) (May 15-June 30, 1909.)	do.	399.85	Do.
Cramer, Miss Pearl.	Clerk.	Ogden, Utah. (Dec. 30, 1908-Jan. 3, 1909.)	Taking new station, western headquarters.	82.50	Do.
Crawford, C. G.	Specialist in wood preservation.	(Trip begun in fiscal year 1908.) Chicago, Ill., to Janesville, Wis., and return; Denver, Glenwood Springs, Colo.; Edgemont, Deadwood, S. Dak.; (July 1-31, 1908.)	To supervise and examine wood preservation experimental work of the Forest Service.	184.64	Do.
Crowell, Lincoln	Forest assistant.	Washington to Ogden, Utah. (Dec. 1-5, 1908.)	Taking new station, western headquarters.	84.50	Do.
Cryder, W. W.	Forest supervisor.	Washington to Republic, Wash. (Nov. 3-9, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	86.70	Do.
Curtin, Miss Grace M.	Clerk (S. and T.).	Missoula, Mont. (Nov. 16-19, 1908.)	Taking new station, western headquarters.	83.60	Do.
Dana, S. T.	Forest assistant.	(Trip begun in fiscal year 1908.) Prescott, Williams, Flagstaff, Ariz.; Washington, D. C. (July 1-Aug. 10, 1908.)	Study of methods of securing reproduction of western yellow pine.	212.30	Do.
Do.	do.	Washington to Boston, Mass., and return. (Mar. 24-Apr. 3, 1909.)	A series of lectures at the Harvard forest school.	40.20	Do.
Do.	do.	Northampton, Mass.; Albuquerque, N. Mex.; Flagstaff, Ariz.; San Francisco, Cal. (Trip not completed during fiscal year 1909.) (June 15-30, 1909.)	Detailed for silvical studies in district 5. Establishment of permanent sample plots and general organization of silvical studies in the district.	151.10	Do.
Daniel, Lena A.	Clerk (S. and T.).	Denver, Colo. (Nov. 30-Dec. 4, 1908.)	Taking new station, western headquarters.	64.05	Do.
Derhysire, Miss Florence.	Clerk.	Albuquerque, N. Mex. (Nov. 24-Dec. 3, 1908.)	do.	74.48	Do.
De Valin, Miss Ellen S.	C. T. draftsman.	San Francisco, Cal. (Nov. 28-Dec. 4, 1908.)	do.	118.65	Do.
Dieffenbach, R.	Forest guard.	Washington to Salt Lake, Utah. (July 27-30, 1908.)	Examination of lands under act June 11, 1906.	78.70	Do.
Dow, Miss Annie M.	Clerk.	Ogden, Utah. (Nov. 28-Dec. 3, 1908.)	Taking new station, western headquarters.	83.05	Improvement of the national forests, 1909.
Duffy, John J.	do.	Albuquerque, N. Mex. (Dec. 2-7, 1908.)	do.	81.30	General expenses, Forest Service, 1909.
Dunlap, Frederick.	Forest assistant.	Washington to New York, N. Y.; Philadelphia, Pa.; Washington, D. C. (July 25-30, 1908.)	To arrange for construction of special apparatus needed in making heat conductivity experiments.	30.59	Do.
Do.	do.	Washington to Philadelphia, Pa., and return. (Aug. 12-14, 1908.)	To inspect apparatus for experimental work.	18.80	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Dunlap, Frederick.....	Forest assistant.....	Washington to New York, N. Y.; other points in New York; Bradford, Pa.; Pittsfield, Mass.; Lewiston, Me.; Boston, Mass.; Burlington, Vt.; Keene, N. H.; Springfield, Mass.; New York, N. Y.; Washington, D. C. (Apr. 22-May 15, 1909.)	Study of commercial dry kilns.....	\$197.28	General expenses, Forest Service, 1909.
Dyar, W. W.....	Expert.....	Washington to Denver and other points in Colorado; Ogden, Utah. (Trip not completed during fiscal year, 1909.) (June 12-30, 1909).....	Inspection of mining claims and investigation of Forest Service policy in respect thereto.	147.40	Do.
Edmonston, W. D.....	Forest ranger.....	Washington to Denver, and other points in Colorado. (Mar. 6-Apr. 1, 1909.)	Return to station after being instructed by the Bureau of Entomology in the details of forest entomological work and to become acquainted with office methods. Brought in at the request of Doctor Hopkins, in charge of forest insect investigation.	77.10	Do.
Eldredge, I. F.....	Forest assistant.....	Washington to Albuquerque, N. Mex. (Jan. 4-8, 1909.)	Taking new station, western headquarters.....	62.25	Do.
Estes, Miss Ida D.....	Clerk (S. and T.).....	Portland, Oreg. (Dec. 1-6, 1908)	do.....	110.15	Do.
Elliott, Joseph C.....	Lumberman.....	Washington to Chicago, Ill.; St. Paul, Minn.; Spokane, Wash.; Boise, Idaho; Portland, Oreg.; San Francisco, Cal.; Albuquerque, N. Mex. (Oct. 17-Dec. 30, 1908.)	Assisting supervisors in handling sales on national forests and instructing rangers in check scaling.	272.65	Do.
Ellis, Don Carlos.....	Clerk examiner.....	Washington to Philadelphia, Pa.; New York, N. Y.; Boston, Mass.; Worcester, and other points in Massachusetts; New York, N. Y.; Washington, D. C. (Mar. 7-24, 1909.)	To meet and discuss with teachers the question of introducing forest study in the public schools.	83.06	Do.
Do.....	do.....	Washington to Portland, Oreg., and Seattle, Wash. (Trip not completed during fiscal year 1909.) (June 18-30, 1909.)	To give educational talks at the Seattle Exposition.	152.85	Do.
Falck, J. G.....	Property auditor.....	Ogden, Utah. (Dec. 30, 1908-Jan. 3, 1909.)	Taking new station, western headquarters.....	82.85	Do.
Fant, Miss Judith.....	Clerk (S. and T.).....	Ogden, Utah. (Nov. 27-Dec. 3, 1908)	do.....	85.00	Do.
Farnsworth, Miss Jennie L.....	Clerk.....	Missoula, Mont. (Nov. 28-Dec. 5, 1908.)	do.....	85.20	Do.
Felder, Miss H. E.....	do.....	Denver, Colo. (Nov. 14-Dec. 3, 1908),	do.....	58.00	Do.

Felder, Miss Zuleika W.	Clerk (T.)	Albuquerque, N. Mex. (Nov. 14-Dec. 3, 1908.)	do.	70.75	Do.
Ferguson, John A.	Forest assistant.	Washington to Boise, Idaho. (July 10-15, 1908.)	Taking station on national forest.	108.10	Do.
Fitzwater, Joseph A.	do.	Washington to Flagstaff, Ariz., to Denver, Colo. (July 3-Aug. 2, 1908.)	Study of forest conditions and estimate of timber on Coconino National Forest. Travel to Denver to permanent station.	178.45	Do.
Follen, Chas. F.	Law clerk.	Denver, Colo. (Dec. 1-5, 1908.)	Taking new station, western headquarters.	61.05	Do.
Ford, Edward H.	Engineer in wood preservation.	Washington to Birmingham, Ala., Chattanooga, Tenn.; New Orleans, La.; Washington, D. C. (July 21, 1908-Apr. 25, 1909.)	To examine timber conditions and report on advisability of erecting a timber-treating plant; also to design and operate a plant.	721.78	Cooperative work, forest investigations, 1909.
Do.	do.	Washington to Birmingham, Ala. (trip not completed during fiscal year, 1909.) (May 3-June 30, 1909.) (Trip begun during fiscal year 1908.)	To consult regarding the design and operation of a wood-preserving plant.	125.39	Do.
Foster, J. H.	Forest assistant.	Boston, Mass. to Washington, D. C. (Aug. 26-28, 1909.)	Study of forest conditions and influence of tax laws on the application of forestry in New Hampshire in cooperation with the State.	11.05	General expenses, Forest Service, 1909.
Do.	do.	Washington to Montgomery, Ala. (Oct. 3, 1908-June 30, 1909.)	Study of forest conditions in Alabama in cooperation with the State.	408.64	General expenses, Forest Service, 1909—\$128.73. Cooperative work, forest investigations, 1909—\$279.91.
Franklin, Blake.	Clerk.	Washington to San Francisco, Cal. (Dec. 2-7, 1908.)	Taking new station, western headquarters.	107.05	General expenses, Forest Service, 1909.
French, H. Earl.	Forest assistant.	Washington to Rock Springs, Wyo. (July 28-Sept. 1, 1908.)	Taking station on national forest.	96.80	Do.
Freyer, Chas. H.	C. T. draftsman.	Albuquerque, N. Mex. (Nov. 29-Dec. 3, 1908.)	Taking new station, western headquarters.	70.55	Do.
Friedlind, H. B.	Clerk (S. and T.).	Ogden, Utah. (Nov. 28-Dec. 5, 1908.)	do.	84.60	Do.
Fromme, R. L.	Forest supervisor.	Washington to Sandpoint, Idaho. (Nov. 19-30, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	141.80	Do.
Frothingham, E. H.	Forest assistant.	Washington to Denver, Colo. (July 21-27, 1908.)	To make a study of the methods of marking timber on the national forests.	66.50	Do.
Do.	do.	Washington to Boston, Mass. Portland and other points in Maine. (Trip not finished during fiscal year 1909.) (June 7-30, 1909.)	Study of aspen and northern hardwood.	76.40	Do.
Gardner, Wm. F.	Land law clerk.	San Francisco, Cal. (Nov. 25-Dec. 1, 1908.)	Taking new station, western headquarters.	115.60	Do.
Garth, Miss Elizabeth V.	Clerk (S. and T.).	Portland, Ore. (Nov. 29-Dec. 6, 1908.)	do.	108.60	Do.
Gay, Miss Eva L.	do.	Denver, Colo. (Nov. 24-Dec. 4, 1908.)	do.	55.00	Do.
Glase, Miss Cornelia.	Clerk.	Albuquerque, N. Mex. (Nov. 24-Dec. 5, 1908.)	do.	76.80	Do.
Goetz, C. H.	Forest assistant.	Washington to Silver City, N. Mex. (July 11-18, 1908.)	Taking station on national forest.	80.54	Do.
Gosorn, C. B.	Clerk.	Denver, Colo. (Jan. 3-5, 1909.)	Taking new station, western headquarters.	63.35	Do.
Graff, Herbert.	Forest assistant.	Washington to Missoula, Mont. (July 12-21, 1908.)	Taking station on national forest.	96.25	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Gray, Miss Bertha M.	Clerk (S. and T.)	Missoula, Mont. (Dec. 1-5, 1908).	Taking new station, western headquarters.	\$86.15	General expenses, Forest Service, 1909.
Gray, Percy S.	Clerk.	Missoula, Mont. (Dec. 1-5, 1908).	do	86.80	Do.
Greeley, W. B.	Chief of management.	Washington to Missoula, Mont. (Sept. 15-23, 1908.)	To permanent station in field.	87.35	Do.
Green, Harold.	Forest guard.	Washington to Albuquerque, N. Mex. (July 10-25, 1908.)	Examinations of lands under act of June 11, 1906.	138.25	Do.
Greenwald, Otto.	Clerk (S. and T.)	Washington to Missoula, Mont. (Nov. 30-Dec. 1, 1908.)	Taking new station, western headquarters.	14.20	Do.
Gregory, Chas. H.	Lumberman.	Washington to Wadswell, Wyo. (Nov. 24-Dec. 10, 1908.)	Assisting supervisors in handling sales of timber on national forests.	130.35	Do.
Griffin, Gerald.	Land law clerk.	Albuquerque, N. Mex. (Nov. 30-Dec. 3, 1908.)	Taking new station, western headquarters.	71.70	Do.
Griswold, Miss Grace.	Clerk (S. and T.)	Ogden, Utah. (Nov. 30-Dec. 6, 1908.)	do	84.75	Do.
Grubb, N. H.	Expert.	Washington to Minneapolis, Minn.; Halsey, Nebr.; Washington, D. C. (June 5-28, 1909.)	Study of methods of planting in the sandhill region of Nebraska; also inspection of reforestation work in Minnesota carried on by private individuals.	132.10	Do.
Gundill, Gordon.	T. draftsman.	Missoula, Mont. (Nov. 28-Dec. 5, 1908).	Taking new station, western headquarters.	86.20	Do.
Guthrie, John D.	Acting forest supervisor.	Washington to Prescott, Aug. 10-16, 1908.)	To permanent station to assume duties of deputy supervisor.	92.25	Do.
Haefer, Henry E.	Forest assistant.	Washington to Flagstaff, Ariz. (July 3-7, 1908.)	Study of forest conditions and estimate of timber on Coconino National Forest.	98.95	Do.
Hall, C. C.	Forest supervisor.	Washington to Butte, Mont. (July 25-Aug. 3, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	131.44	Do.
Hall, J. R.	Forest assistant.	Washington to Brea, Cal. (July 12-18, 1908.)	Taking station on national forest.	132.50	Do.
Hall, R. Clifford.	do	Washington to Knoxville, Tenn., and points in Kentucky. (July 1-Oct. 31, 1908.)	Study of forest conditions in Kentucky, in cooperation with the State.	389.82	General expenses, Forest Service, 1909—\$24.45.
Do.	do	Washington to Cumberland, Md., and return. (Feb. 24-Mar. 4, 1909.)	Study of forest conditions, in cooperation with private owners.	19.53	Cooperative work, forest investigations, 1909—\$365.37.
Hall, Wm. L.	Assistant forester.	Washington to points in Ohio, Missouri, Kansas, Colorado, Nebraska, and South Dakota; Los Angeles, Cal.; New York, N. Y. (Aug. 3-Sept. 27, 1908.)	General administrative supervision of work of the branch of products.	455.70	Cooperative work, forest investigations, 1909. General expenses, Forest Service, 1909.

Do.....	do.....	Washington to Topeka, Kans.; Ames, Iowa, Washington, D. C. (Oct. 31-Nov. 25, 1908.)	General administrative supervision of work of branch of products. Short courses of lectures at forest schools at University of Nebraska and Iowa State College. Lectures on forest utilization at New York, and Pennsylvania State College.	168.47	Do.
Do.....	do.....	Washington to New York, points in Pennsylvania, Washington, D. C. (Dec. 16-19, 1908.)	Lectures on forest products at Yale forest school.	36.85	Do.
Do.....	do.....	Washington to New York, N. Y., and return. (Jan. 28-30, 1909.)	Administrative supervision of branch of products.	26.25	Do.
Do.....	do.....	Washington to Chicago, Ill.; Lafayette, Ind.; Washington, D. C. (Mar. 11-20, 1909.)	Study of utilization of forest products at commercial establishments.	72.35	Do.
Do.....	do.....	Washington to Monroe, N. C.; points in Alabama, Florida, Texas, Kansas, Missouri; Washington, D. C. (May 9-June 2, 1909.)	General administrative supervision of branch of products.	219.35	Do.
Do.....	do.....	Washington to Portland, Oreg.; and return. (Trip not finished during fiscal year 1909.) (June 29-30, 1909.)	Taking new station, western headquarters.	109.00	Do.
Haring, O. E.....	C. T. draftsman.....	Washington to Albuquerque, N. Mex. (Dec. 1-6, 1908.)	do.....	110.95	Do.
Harris, Hugh H.....	Chief of occupancy (district 3).	Washington to San Francisco, Cal. (Nov. 11-27, 1908.)	Travel to permanent station in field.....	45.85	Do.
Harris, P. T.....	Forest examiner.....	Washington to San Francisco, Cal. (Nov. 27-Dec. 7, 1908.)	Taking new station, western headquarters....	111.80	Do.
Harris, Mrs. Ruth.....	Clerk.....	Albuquerque, N. Mex. (Nov. 8-Dec. 3, 1908.)	Consultation in regard to tests of timbers....	59.85	Do.
Hatt, W. K.....	Expert.....	Washington to Fort Wayne, Ind. (Apr. 14-16, 1909.)	Taking new station, western headquarters....	87.90	Do.
Haukness, Miss Lulu E.....	Clerk.....	San Francisco, Cal. (Nov. 25-Dec. 5, 1908.)	Study of turpentine production under special item in agricultural appropriation bill.	117.65	Do.
Hawley, L. F.....	Expert, wood distillation.	Washington to New Orleans La., and return. (Nov. 20-30, 1908.)	Study of turpentine production.....	92.25	General expenses, Forest Service, 1909—\$48. Naval stores industry—\$24.25.
Do.....	do.....	Washington to New Orleans, La.; points in Florida, Alabama, and Georgia; and return to Washington. (Mar. 8-25, 1909.)	Naval stores industry.	155.75	
Do.....	do.....	Washington to Boston, Mass., and return. (May 1-9, 1909.)	To design turpentine still for refining wood turpentine.	64.70	Do.
Do.....	do.....	Washington to Brunswick, Ga., and points throughout Georgia, Alabama, and Florida. (Trip not finished during fiscal year 1909.) (May 30-June 30, 1909.)	To collect samples of wood turpentine for experimental purposes.	186.61	Do.
Hayward, Miss Sue.....	Clerk (S. and T.).....	Denver, Colo. (Nov. 19-Dec. 4, 1908.)	Taking new station, western headquarters....	62.10	General expenses, Forest Service, 1909.
Headley, Roy.....	Forest supervisor.....	Washington to Portland, Oreg. (Nov. 25-Dec. 1, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	107.85	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Heim, A. L.	Engineer in timber tests.	Washington to Philadelphia, Pa., and return. (Aug. 1-3, 1908.)	Inspect treating machine for timber-testing laboratory, Boulder, Colo.	\$16.80	General expenses, Forest Service, 1909.
Do.	do.	Washington to Bremen, Ind.; Denver, Colo. (Aug. 12-20, 1908.)	To take charge of timber-testing station at University of Colorado.	56.60	Do.
Helff, Miss Ruth.	Clerk (S. and T.)	Ogden, Utah. (Nov. 27-Dec. 3, 1908.)	Taking new station, western headquarters.	84.90	Do.
Helmick, Miss Louise A.	do.	Portland, Oreg. (Dec. 1-6, 1908.)	do.	110.95	Do.
Henderson, W. C.	Law clerk.	Ogden, Utah. (Nov. 26-Dec. 1, 1908.)	do.	96.68	Do.
Hendricks, Miss C. L.	Clerk (S. and T.)	Denver, Colo. (Dec. 1-4, 1908.)	do.	56.70	Do.
Herring, W. E.	Chief engineer.	Washington to Ogden, Utah; Los Angeles, Cal.; Portland, Oreg.; Seattle, Wash.; Goldfield, Nev.; Truckee, Cal.; Ogden, Utah; Denver, Colo.; Washington, D. C. (July 1-Oct. 7, 1908.)	To examine permanent improvements on various national forests. To consult with and instruct engineers regarding permanent improvement work on the national forests.	795.98	Improvement of the national forests, 1909.
Do.	do.	Washington to Pittsburg, Pa.; Denver, Colo.; Ogden, Utah; Portland, Oreg. (Nov. 25-Dec. 15, 1908.)	Proceeding to station in the West in accordance with reorganization of the Forest Service.	198.57	Do.
Hicks, P. R.	Engineer in wood preservation.	Washington to Wilkes-Barre, Pa., and return. (Aug. 24-Sept. 1, 1908.)	To operate an experimental wood-preserving plant for the Delaware, Lackawanna and Western R. R. Co.	51.34	Cooperative work, forest investigations, 1909.
Do.	do.	Washington to Denver, Norrie, Colo.; Wallace, Idaho; Pendleton, Oreg.; Missoula, Mont.; Spokane, Wash. (Sept. 13, 1908-Mar. 31, 1909.)	To take charge of products work in district 1. Experiments in wood preservation in cooperation with mining companies.	793.80	Do.
Higgins, Jay.	Forest assistant.	Washington to Glenwood Springs, Colo. (July 11-16, 1908.)	Taking station on national forest.		
Hilton, George.	Draftsman.	Portland, Oreg. (Dec. 1-6, 1908.)	Taking new station, western headquarters.	68.55	General expenses, Forest Service, 1909.
Hobgood, Miss Mary L.	Clerk.	Albuquerque, N. Mex. (Dec. 5-9, 1908.)	do.	107.55	Do.
Hodson, E. R.	Forest assistant.	Washington to Denver and points throughout Colorado, and return to Washington. (July 22-Oct. 12, 1908.)	Study of Engelmann spruce in the Rocky Mountains. Study completed.	79.50	Do.
Do.	do.	Washington to Mount Pleasant, Iowa. (Nov. 28-Dec. 8, 1908.)	On his way to place of assignment as forest assistant in district 4.	362.30	Do.
Hogue, A. H.	Forest supervisor.	Washington to Laws, Cal. (Sept. 1-8, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	83.95	Do.
Holberg, Miss A. R.	Map colorist.	Ogden, Utah. (Dec. 1-7, 1908.)	Taking new station, western headquarters.	116.45	Do.
Holberg, Miss Hilda J.	Clerk.	do.	do.	84.95	Do.
				84.95	Do.

Holcombe, Miss Lura M.	Clerk (S. and T.)	Denver, Colo. (Nov. 27-Dec. 5, 1908)	do	60.80	Do.
Holland, George W.	Clerk (T.)	Denver, Colo. (Dec. 1-5, 1908)	do	63.90	General expenses, Forest Service, 1909—\$16.15.
Holmes, J. S.	Forest examiner	Trip begun in fiscal year 1908.) London, Paris, Frankfurt, Greenville, Ky. (July 1-Oct. 31, 1908.)	Study of forest conditions in Kentucky in cooperation with the State.	362.20	Cooperative work for investigations, 1909—\$346.05.
Homans, G. M.	Chief of timber sales	Washington to San Francisco, Cal. (Dec. 1-6, 1908.)	Taking new station, western headquarters	112.45	General expenses, Forest Service, 1909.
Hood, Mrs. Clara P.	Copyist	Ogden, Utah. (Dec. 31, 1908-Jan. 4, 1909.)	do	83.05	Do.
Hooper, Miss Stella B.	Clerk (S. and T.)	Denver, Colo. (Nov. 21-Dec. 4, 1908.)	do	59.65	Do.
Hopson, Walter A.	Forest assistant	Washington to Weiser, Idaho. (July 11-20, 1908.)	Taking station on national forest.	119.70	Do.
Howard, Wm. G.	do	Washington to Madera, Cal. (July 1-19, 1908.)	do	118.40	Do.
Howarth, J. A.	do	Washington to Jersey City, N. J. (Mar. 24, 1909.)	Examination Pickatunny Arsenal	7.65	Do.
Do.	do	Washington to Walker, Minn. (June 5-30, 1909.)	Examination Red Lake Indian Reservation	74.44	Do.
Hoyt, T. C.	Forest supervisor	Washington to Marysville, Utah. (Nov. 14-23, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	133.14	Do.
Huff, Miss Nellie.	Clerk	Ogden, Utah. (Dec. 12-17, 1908)	Taking new station, western headquarters	87.40	Do.
Humeston, S. J.	do	Washington to Missoula, Mont. (Nov. 29-Dec. 5, 1908.)	do	78.75	Do.
Hunt, L. E.	Engineer in timber tests.	Washington to Seattle, Wash., and Berkeley, Cal. (July 1-Aug. 7, 1908.)	To inspect timber-testing work and resume charge of testing station at University of California.	301.80	Do.
Hurst, William.	Forest supervisor	Washington to Milford, Utah. (Sept. 2-12, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	94.25	Do.
Igoe, Miss Celestine.	Clerk	San Francisco, Cal. (Dec. 1-12, 1908)	Taking new station, western headquarters	113.00	Do.
Ireland, Henry.	Forest supervisor	Washington to Baker City, Ore. (Nov. 6-15, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	119.20	Do.
Jacobi, Miss Lydia.	Clerk	Missoula, Mont. (Oct. 30-Dec. 4, 1908.)	Taking new station, western headquarters	74.80	Do.
Jacobs, Sydney R.	Chief, miscellaneous division, office of Auditor for State and other Departments, Treasury Department.	Washington to Chicago, Ill.; Denver, Colo.; points in Idaho and Montana; Spokane, Wash., and return to Washington. (July 18-Aug. 21, 1908.)	Inspection and instruction in temporary special disbursing agent's accounts.	252.85	Do.
Jamison, Harold B.	Law examiner	Albuquerque, N. Mex. (Dec. 1-5, 1908.)	Taking new station, western headquarters	78.25	Do.
Jardine, James T.	Agent	Washington to Denver, Colo.; Santa Fe, N. Mex.; Phoenix, Ariz.; Portland and other points in Oregon. (Feb. 16-June 30, 1909.)	Investigating range conditions on the national forests; preparing plans for reseedling, and carrying on special investigations at the coyote-proof pasture on the Wallowa national forest.	492.80	Do.
Jarvis, Miss Lillian M.	Clerk (T.)	San Francisco, Cal. (Nov. 28-Dec. 5, 1908.)	Taking new station, western headquarters	112.90	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Jenson, A. W.	Forest supervisor.	Washington to Ephraim, Utah. (July 16-23, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	\$90.35	General expenses, Forest Service, 1909.
Johnson, R. P. A.	Forest guard.	Washington to Missoula, Mont.; points throughout Montana and Idaho. (July 1-Nov. 10, 1909.)	Examination of lands under act of June 11, 1906.	544.53	Do.
Joynt, Mrs. Minnie L.	Clerk.	Portland, Oreg. (Nov. 25-Dec. 4, 1908.)	Taking new station, western headquarters.	113.70	Do.
Judd, C. S.	Forest assistant.	San Francisco, Cal. (Nov. 30-Dec. 5, 1908.)	do.	108.75	Do.
Keach, John E.	do.	Missoula, Mont. (Oct. 30-Dec. 5, 1908.)	do.	83.95	Do.
Kean, Miss Florence.	Clerk (S. and T.).	San Francisco, Cal. (Nov. 30-Dec. 8, 1908.)	do.	113.90	Do.
Kelleter, Paul D.	Forest assistant.	Washington to St. Louis, Mo.; Deadwood, S. Dak.; Missoula, Mont. (Nov. 28-Dec. 15, 1908.)	do.	136.70	Do.
Kellogg, R. S.	Assistant forester.	Washington to Asheville, N. C., and return. (Sept. 12-20, 1908.)	To give lectures at Baltimore Forest School.	45.90	Do.
Do.	do.	Washington to Atlantic City, N. J., and return. (Sept. 21-23, 1908.)	To address annual meeting New England Waterworks Association.	15.25	Do.
Do.	do.	Washington to St. Louis, Mo.; Chicago, Ill.; Washington, D. C. (Oct. 13-17, 1908.)	To address meetings of Grain Dealers' National Association and National Hickory Association.	67.60	Do.
Do.	do.	Topeka, Kans.; New Orleans, La.; Washington, D. C. (Jan. 12-23, 1909.)	To discuss forest work with members of Kansas legislature and to attend annual meeting of Yellow Pine Manufacturers' Association.	92.79	Do.
Do.	do.	Washington to Seattle, Wash., and return. (Jan. 29-Feb. 15, 1909.)	To address meetings of lumbermen at Spokane and Seattle and give lectures at University of Washington forest school.	242.20	Do.
Do.	do.	Washington to Philadelphia, Pa., and return. (Mar. 1, 1909.)	To address annual meeting of National Wholesale Lumber Dealers' Association.	10.00	Do.
Do.	do.	Washington to Ann Arbor, Mich., and return. (Mar. 20-27, 1909.)	To give lectures to students of forestry at University of Michigan and State Agricultural College.	57.00	Do.
Do.	do.	Washington to Philadelphia, Pa., and return. (Apr. 8, 1909.)	To attend meeting of Philadelphia lumber exchange and other official matters.	10.00	Do.
Do.	do.	Washington to Princess Anne, Md. (May 25, 1909.)	To study Maryland forest conditions with state forester.	18.19	Do.

Do.	do.	Washington to San Francisco, Cal., and return. (June 16-30, 1909.) (Trip not finished during fiscal year 1909.)	To study forest resources of Alaska.	150.89	Do.
Kempfer, W. H.	Forest assistant.	Washington to Jacksonville, Fla., Savannah, Ga., and return to Washington. (Apr. 23-May 11, 1909.)	To prepare inspection report on a test pole line.	124.12	Do.
Keplinger, Peter.	do.	Washington to Durango, Colo. (July 11-16, 1908.)	Taking station on national forest.	75.00	Do.
Kerr, John.	Forest supervisor.	Washington to Albuquerque, N. Mex. (Nov. 2-9, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	88.85	Do.
Kidwell, Miss Violet L.	Clerk.	San Francisco, Cal. (Dec. 1-6, 1908.)	Taking new station, western headquarters.	114.95	Do.
Kiefer, Francis.	Forest assistant.	Washington to Mena, Ark. (July 1-26, 1908.)	Taking station on national forest.	48.05	Do.
Kimmel, Gertrude L.	Clerk.	Denver, Colo. (Dec. 1-4, 1908.)	do.	57.10	Do.
Kimmel, Miss Nettie M.	do.	Denver, Colo. (Nov. 30-Dec. 3, 1908.)	General administrative work connected with branch of grazing, office, and field examinations, consultations with forest officers and users; attendance at ranger meetings, instructing officers in methods of work; making special investigations of complaints; appeals suggesting changes in processes and methods of administration; to assist in adjusting grazing matters at the meeting of the American National Live Stock Association.	57.35	Do.
Kneipp, L. F.	Chief, office of control.	Prescott, Ariz., to Washington, D.C. (July 6-10, 1908.)	do.	94.65	Do.
Do.	do.	Washington to Albuquerque, N. Mex.; Prescott, Ariz.; San Francisco, Cal.; Ogden, Utah; Boise, Idaho; Los Angeles and San Francisco, Cal.; Portland, Ore.; Missoula, Mont.; Denver, Colo.; Ogden, Utah; St. Anthony, Idaho; Logan, Utah; Green River, Wyo.; Portland, Ore.; San Francisco, Ogden, Focarello, Weiser, Walla Walla.	General administrative work connected with branch of grazing, office and field examinations, consultation with forest officers and users; making special investigations of complaints, appeals suggesting changes in processes and methods of administration; to assist in adjusting grazing matters at the meeting of the American National Live Stock Association.	1,268.60	Do.
Kobbe, W. H.	Forest assistant.	Washington to Flagstaff, Ariz. (July 1-31, 1908.)	Taking station on national forest.	103.77	Do.
Koschwitz, Miss Anna P.	Clerk.	Denver, Colo. (Dec. 1-7, 1908.)	Taking new station, western headquarters.	60.95	Do.
Kummel, Julius F.	Forest assistant.	Washington to Portland, Ore. (Nov. 24-Dec. 6, 1908.)	do.	121.40	Do.
Kupfer, Carl A.	do.	Washington to Ithaca, and other points in New York, and return to Washington. (July 1-Aug. 11, 1908.)	Study of proposed and established plantations of forest trees in cooperation with private owners.	172.13	Do.
Do.	do.	Washington to San Francisco, Cal. (Nov. 18-Dec. 6, 1908.)	To permanent station in field.	117.35	Do.
Lane, E. A.	Expert.	Washington to New Brunswick, N. J.; New York, N. Y.; Pitsburg, Pa.; and return to Washington. (July 11-15, 1908.)	To take depositions of witnesses in Siskiyou coal claims.	51.29	Do.
Do.	do.	Washington to San Francisco, Cal. (Nov. 25-Dec. 7, 1908.)	Assigned to San Francisco as district law officer.	115.70	Do.
Larue, Chas. O.	Clerk.	San Francisco, Cal. (Dec. 10-21, 1908.)	Taking new station, western headquarters.	110.25	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Lafane, Wm. C.	Forest assistant.	Washington to Sheridan, Wyo. (July 12-31, 1908.)	Travel to permanent station in field.	\$70.60	General expenses, Forest Service, 1909.
Lafner, Miss M. R.	Clerk.	Albuquerque, N. Mex. (Dec. 1-4, 1908.)	Taking new station, western headquarters.	75.70	Do.
Law, Frank A., jr.	Land law clerk.	Portland, Oreg. (Nov. 30-Dec. 6, 1908.)	do.	113.70	Do.
Leavitt, Clyde.	Chief of organization.	Washington to Fort Smith, Ark.; Alamogordo, N. Mex.; Salt Lake, Utah; St. Anthony, Idaho; Ogden, Utah; Chicago, Ill.; Omaha, Nebr. (Aug. 14-Sept. 30, 1908.)	Inspection and instruction.	341.00	Do.
Lees, Fred.	Law clerk.	Denver, Colo. (Dec. 1-5, 1908.)	Taking new station, western headquarters.	60.45	Do.
Lewis, C. A.	Forest assistant.	Washington to Provo, Utah. (July 15-31, 1908.)	Travel to permanent headquarters.	86.17	Do.
Linell, Miss Ellen M. A.	Clerk.	Missoula, Mont. (Nov. 30-Dec. 5, 1908.)	Taking new station, western headquarters.	84.80	Do.
Lichenthaler, F. E.	Assistant, wood chemistry.	Washington to Boston, Mass., and return. (July 13, 1908-Mar. 19, 1909.)	To design still for refining wood turpentine, naval stores investigation.	384.98	General expenses, Forest Service, 1909—\$105.09.
Do.	do.	Washington to Boston, Mass. (Mar. 23, 1909.)	Experiments in refining wood turpentine, naval stores investigation.	10.30	Naval stores industry—\$279.89.
Do.	do.	Washington to Harrisburg, Pa., and Madison, Wis. (June 25-30, 1909.)	To erect turpentine still moved from Boston, naval stores investigation.	50.93	Naval stores industry.
Loving, Hamilton I.	Clerk.	Missoula, Mont. (Dec. 2-9, 1908.)	Taking new station, western headquarters.	96.65	General expenses, Forest Service, 1909—\$26.46.
Lyle, Mrs. Ruth M.	Clerk (S. and T.).	San Francisco, Cal. (Nov. 14-Dec. 5, 1908.)	do.	109.60	Naval stores industry—\$24.47.
McCain, A. C.	Forest supervisor.	Washington to Forsyth, Mont. (Oct. 16-Nov. 6, 1908.)	Taking new station, western headquarters.	72.20	General expenses, Forest Service, 1909.
McDevitt, Miss Lillian.	Clerk.	Ogden, Utah. (Nov. 30-Dec. 5, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	82.04	Do.
McDonald, Mary.	do.	San Francisco, Cal. (Oct. 15-Dec. 15, 1908.)	Taking new station, western headquarters.	113.75	Do.
McGowan, D. F.	do.	Portland, Oreg. (Dec. 1-6, 1908.)	do.	111.35	Do.
McKenzie, H. E.	Engineer in timber tests.	Washington to New York, N. Y. (Aug. 1-5, 1908.)	Assist in timber-testing work at Yale laboratory.	9.55	Do.
McKenzie, W. A.	Clerk.	Denver, Colo. (Dec. 2-6, 1908.)	Taking new station, western headquarters.	69.45	Do.

McLean, Forman T.	Forest assistant.	Washington to Chattanooga and other points in Tennessee and return to Washington. (Aug. 14-23, 1908.)	Investigation into the diseased condition and the death of trees on a private tract.	66.35	Cooperative work, forest investigations, 1909.
Do.	do.	Washington to New Orleans, La.; points throughout Louisiana, Mississippi, and Florida, and return to Washington. (Nov. 7, 1908-Mar. 25, 1909.)	Study of bald cypress in the South.	372.68	General expenses, Forest Service, 1909.
Do.	do.	Washington to Ogden, Utah. (May 12-17, 1909.)	Proceeding to new headquarters at Ogden, Utah, and work in the district (4).	79.30	Do.
McVean, M. J.	Clerk.	Washington to Chicago, Ill.; Denver, Colo.; Ogden, Utah; Butte, Mont.; Spokane and Seattle, Wash.; Portland, Ore.; San Francisco and Los Angeles, Cal.; and return to Washington. (Mar. 15-May 6, 1909.)	Investigating special uses, forest, homestead, and other claims, and withdrawals of administrative sites in the national forests.	460.60	Do.
MacFate, Miss Elizabeth B.	Clerk.	San Francisco, Cal. (Nov. 16-Dec. 6, 1908.)	Taking new station, western headquarters.	113.50	Do.
MacKenzie, Thos. P.	Acting forest supervisor.	Washington to Portland, Ore. (Nov. 25-30, 1908.)	Returning to station in the West after serving detail in the Washington office, to assist in administrative duties.	116.35	Do.
Madsen, Miss Anna E.	Clerk (S. and T.).	Portland, Ore. (Dec. 1-6, 1908.)	Taking new station, western headquarters.	110.25	Do.
Markey, James F.	do.	Albuquerque, N. Mex. (Nov. 30-Dec. 5, 1908.)	do.	69.50	Do.
Martin, James E.	Forest assistant.	Washington to Leadville, Colo. (July 9-18, 1908.)	Taking station on national forest.	96.58	Do.
Mason, David T.	Assistant chief of timber sales.	Washington to Seattle and points throughout Washington. (Sept. 1-Nov. 3, 1908.)	Instructions to supervisors in making and handling sales of timber on national forests.	437.32	Do.
Mason, Harry M., jr.	Agent.	Washington to Ruston, La., and return. (Oct. 20, 1908-Jan. 19, 1909.)	To operate experimentally a wood-preserving plant in cooperation with the North Louisiana Telephone Co.	262.40	General expenses, Forest Service, 1909—\$33.05.
Maxwell, Hu.	Clerk.	Washington to Charleston, W. Va., and return. (Feb. 2-6, 1909.)	To address West Virginia Forestry Association.	31.70	Cooperative work, forest investigations, 1909—\$229.35.
Mellen, Miss Anna A.	District fiscal agent.	Denver, Colo. (Nov. 25-Dec. 4, 1908.)	Taking new station, western headquarters.	61.60	General expenses, Forest Service, 1909.
Melzar, E. A.	Forest supervisor.	Denver, Colo. (Dec. 2-6, 1908.)	Returning to station in the West after serving detail in the Washington office, to assist in administrative duties.	67.70	Do.
Milham, George W.	Forest supervisor.	Washington to Chelan, Wash. (Aug. 1-9, 1908.)	Taking station on national forest.	121.54	Do.
Millar, Willis N.	Forest assistant and acting supervisor.	Washington to Newport, Wash. (July 9-15, 1908.)	Taking station on national forest.	115.07	Do.
Miller, Louis C.	Chief, section of planting.	Washington to Denver, Colo. (Nov. 30-Dec. 4, 1908.)	Taking new station, western headquarters.	58.85	Do.
Miller, Miss Mary T.	Clerk.	Albuquerque, N. Mex. (Nov. 28-Dec. 9, 1908.)	do.	72.20	Do.
Montrose, Miss Carrie T.	Clerk (S. and T.).	San Francisco, Cal. (Dec. 1-7, 1908.)	do.	114.10	Do.
Moore, Felix T.	Clerk.	Ogden, Utah. (Dec. 1-5, 1908.)	do.	82.75	Do.
Moore, Miss Mary E.	Clerk (S. and T.).	Ogden, Utah. (Nov. 30-Dec. 5, 1908.)	do.	80.20	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Moore, Walter M.	Forest assistant.	Washington to points in Kansas, Arkansas, Missouri, Oklahoma, Colorado, and Texas, and return to Washington. (July 22-Sept. 15, 1908.)	Study of forest plantations established in cooperation with private owners.	\$296.23	General expenses, Forest Service, 1909.
Moorman, Thos. M.	Clerk.	Portland, Oreg. (Nov. 29-Dec. 5, 1908)	Taking new station, western headquarters.	102.90	Do.
Morris, Albert.	do.	Albuquerque, N. Mex. (Nov. 25-29, 1908.)	do.	76.85	Do.
Mulford, Mrs. Annabelle P.	do.	Portland, Oreg. (Nov. 27-Dec. 7, 1908.)	do.	116.80	Do.
Munce, Mrs. Stella W.	C. T. draftsman.	Denver, Colo. (Dec. 1-10, 1908)	do.	64.95	Do.
Munger, Thornton T.	Forest assistant.	Washington to Portland, Oreg., and other points in Oregon. (Aug. 18-Dec. 3, 1908.)	Proceeding to new headquarters at Portland, Oreg., and work in district 6.	423.87	Do.
Murdock, Wm. B.	Clerk.	Ogden, Utah. (Nov. 27-Dec. 5, 1908.)	Taking new station, western headquarters.	81.70	Do.
Neis, Claudius J.	do.	Albuquerque, N. Mex. (Oct. 15-Nov. 11, 1908.)	do.	82.40	Do.
Nelson, John M., jr.	Chief, section railroad and mine timbers.	Washington to Birmingham, Ala., and return. (July 21-Aug. 8, 1908.)	Supervise plans for wood preserving policy for Tennessee Coal and Iron Co.	110.01	Cooperative work, forest investigations, 1909.
Do.	do.	Washington to Birmingham, Ala.; Ruston, La.; and return to Washington. (Oct. 19-Nov. 13, 1908.)	To inspect progress of cooperative experiments in wood preservation at Birmingham, Ala., and Ruston, La.	163.68	General expenses, Forest Service, 1909—\$29.49.
Do.	do.	Washington to St. Louis, Mo.; points in Illinois, and return to Washington. (Nov. 1-13, 1908.)	Inspection of wood preserving plants.	103.10	Cooperative work, forest investigations, 1909—\$134.19.
Do.	do.	Washington to points in Georgia and Alabama, and return to Washington. (Jan. 1-22, 1909.)	do.	111.86	General expenses, Forest Service, 1909—\$65.79.
Do.	do.	Washington to points in Mississippi, Louisiana, Georgia, and Alabama, and return to Washington. (Feb. 4-16, 1909.)	Supervision of wood preserving experiments and inspection of treating plants.	102.98	Cooperative work, forest investigations, 1909—\$46.07.
Do.	do.				General expenses, Forest Service, 1909—\$41.73.
					Cooperative work, forest investigations, 1909—\$61.25.

Do.....	do.....	Washington to points in Pennsylvania, Ohio, and Indiana, and return to New York. (Mar. 11-31, 1909.)	Supervision of tests and examination of timber policy of Philadelphia and Reading Coal and Iron Co.	113.50	General expenses, Forest Service, 1909.
Do.....	do.....	Washington to points in Virginia, Alabama, Florida, Louisiana, and Texas, and return to Washington. (May 9-26, 1909.)	Inspection, treating plants.....	195.74	General expenses, Forest Service, 1909—\$86.15. Cooperative work, forest investigations, 1909—\$109.59.
Do.....	do.....	Washington to Philadelphia and Pottsville, Pa., and return to Washington. (June 2-4, 1909.)	Supervision of tests in wood preservation.....	18.95	Cooperative work, forest investigations, 1909.
Do.....	do.....	Washington to Baltimore, Md.; Har- risburg and other points in Pennsylv- ania, and return to Washington. (June 28-30, 1909.)	do.....	21.85	Do.
Nelson, J. W.	Forest supervisor	Washington to Walcott, Wyo. (Nov. 16-Dec. 2, 1908.)	Returning to station in the West after serv- ing detail in the Washington office to assist in administrative duties.	74.40	General expenses, Forest Service, 1909.
Noyes, Miss Clara B.	C. T. draftsman.....	Denver, Colo. (Dec. 1-4, 1908.)	Taking new station, western headquarters.....	59.45	Do.
Oakleaf, H. B.	Forest assistant.....	Portland, Oreg. (Jan. 5-11, 1909.)	do.....	110.10	Do.
O'Brien, P. J.	Clerk.....	Missoula, Mont. (Dec. 2-12, 1908.)	do.....	59.35	Do.
Oman, A. E.	Forest assistant.....	Washington to Hutchinson, Topeka, Kansas; Plymouth, Ind., and return to Washington. (Oct. 10-Nov. 30, 1908.)	Study of forest plantations established in cooperation with private owners.	155.24	Do.
Do.....	do.....	Washington to Graniteville, S. C., and return. (Apr. 27-May 4, 1909.)	Study of forest planting in cooperation with the Graniteville Manufacturing Co.	33.20	Cooperative work, forest investigations, 1909.
Do.....	do.....	Washington to Ogden, Utah. (June 10-30, 1908.)	Transfer to district 4.....	80.15	General expenses, Forest Service, 1909.
O'Toole, Miss Mary	Clerk.....	San Francisco, Cal. (Nov. 29-Dec. 7, 1908.)	Taking new station, western headquarters.....	115.85	Do.
O'Toole, M. J.	Tariff clerk.....	Washington to Ogden, Utah, and re- turn. (Sept. 13-27, 1908.)	Instruction in shipping supplies from supply depot.	139.35	Do.
Do.....	do.....	Washington to Ogden, Utah. (Dec. 8-15, 1908.)	Taking new station, western headquarters.....	85.70	Do.
Pack, D. S.	Forest supervisor.....	Washington to Salt Lake, Utah. (Oct. 1-8, 1908.)	Returning to station in the West after serv- ing detail in the Washington office to assist in administrative duties.	86.20	Do.
Pack, W. I.	do.....	Washington to Provo, Utah. (Oct. 31-Nov. 3, 1908.)	do.....	91.90	Do.
Parker, Rutledge.	Forest assistant.....	Washington to Thompson Falls, Mont. (July 1-Nov. 30, 1908.)	Study of timber supply on national forests and on private holdings in Montana.	173.20	General expenses, Forest Service, 1909— \$115.70. Cooperative work, forest investiga- tions, 1909—\$57.50.
Patterson, A. B.	Chief, state and private cooperation.	(Trip begun during fiscal year 1908.) Long Lake and other points in Wis- consin; Saunders and other points in Michigan, and return to Washing- ton. (July 1-21, 1908.)	Advising and assisting owners of wood- lands in their care.	127.88	General expenses, Forest Service, 1909—\$22.78. Cooperative work, for- est investigations, 1909—\$105.10.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Patterson, A. B.	Chief, state and private cooperation.	Washington to Detroit, Cheboygan, Negaunee, Mich.; Milwaukee and Marinette, Wis., and return to Washington. (July 29-Aug. 10, 1908.)	Examination of Bois Blanc, Cheboygan, and Grand Marais Light-House reservations, and Sturgeon Bay Military Reservation. Request of Department of Commerce and Labor.	\$88.29	General expenses, Forest Service, 1909.
Do.	do.	Washington to Rutland, Vt., and return. (Aug. 24-Sept. 12, 1908.)	To consult with Governor Proctor and members of forestry commission and legislative commission regarding proposed forestry law for State.	72.89	Do.
Do.	do.	Washington to Chicago, Ill.; Milwaukee, Ashland, and Oconto, Wis., and return to Washington. (Dec. 8, 1908-Jan. 1, 1909.)	Inspection of timber work on Bad River, Lac du Flambeau, and Lac Courte Oreille Indian reservations.	146.92	Do.
Do.	do.	Washington to Watertown, N. Y., and return. (Mar. 8-10, 1909.)	Consultation with Adirondack Timberland Owners' Association regarding plan for a protective fire association.	37.60	Do.
Do.	do.	Washington to Charleston, S. C.; Norfolk Va., and return to Washington. (Apr. 19-23, 1909.)	Examination and report relative to timber on Charleston and Norfolk navy reservations at request of Secretary of Navy.	44.05	Do.
Do.	do.	Washington to Dover, N. J., and return. (Apr. 29-May 1, 1909.)	Examination and report of timber work at Picatinny Arsenal. Request of commandant.	13.95	Do.
Do.	do.	Washington to points in Wisconsin and Minnesota and return to Washington. (May 18-June 4, 1909.)	Inspection of Indian reservation relative to present work and plans for protection.	132.33	Do.
Do.	do.	Washington to Whitlief, N. C., and return. (June 21-26, 1908.)	Examination of Qualla Indian Reservation at request of Indian Office, to report on proposed sale of timber.	40.75	Do.
Patterson, Miss H. R.	Land law clerk.	Ogden, Utah. (Nov. 5-Dec. 5, 1908.)	Travel to permanent headquarters.	79.70	Do.
Patterson, Francis M.	Forest assistant.	Washington to Anaconda, Mont. (July 12-17, 1908.)	Travel to permanent headquarters.	83.00	Do.
Pearson, G. A.	do.	Washington to Omaha, Nebr.; Denver, Colo.; Flagstaff and Prescott, Ariz. (July 10-Dec. 6, 1908.)	Proceeding to new headquarters at Flagstaff, Ariz., and work in district 3.	466.33	Do.
Peck, A. S.	Chief, section of cooperation.	Washington to New York and return. (Aug. 15-18, 1908.)	To confer with and instruct a subordinate engaged in a study of established and proposed plantations in cooperation with private owners.	33.00	Do.
Pennebaker, Mrs. Rosa C.	Clerk.	Denver, Colo. (Nov. 30-Dec. 4, 1908.)	Taking new station, western headquarters....	62.15	Do.

Perrine, W. S.	Deputy forest supervisor.	Washington to Missoula, Mont. (Sept. 19-23, 1908.)	84. 90	Returning to headquarters in the West after serving two months' detail in Washington office to assist in administrative work.	Do.
Peters, E. W.	Agent.	Washington to Pottsville, Pa., and return. (Mar. 11-28, 1909.)	46. 99	Inspect test mine timbers and report on their condition.	Cooperative work, forest investigations, 1909.
Pierce, Chas. R.	Law officer.	Portland, Oreg. (Nov. 29-Dec. 8, 1908.)	132. 35	Taking new station, western headquarters...	General expenses, Forest Service, 1909.
Pierce, Roy G.	Forest assistant.	Washington to Salida, Grand Junction, and Denver, Colo. (July 9-Nov. 30, 1908.)	345. 27	Establishment of forest plantations on national forests in Colorado.	Do.
Pierson, A. H.	do.	Washington to points in West Virginia, Tennessee, Kentucky, Mississippi, Georgia, South Carolina, North Carolina, and return to Washington. (Apr. 15-May 31, 1909.)	321. 68	Collection of statistics on lumber production in cooperation with Bureau of Census.	Do.
Pinchot, Gifford.	Forester.	Washington to Chicago, Ill. (Aug. 2, 1908.)	29. 50	To discuss matters pertaining to forest conservation and allied subjects.	Do.
Do.	do.	Washington to Boston, Mass., and return. (Nov. 21, 1908.)	20. 30	Address on "Forestry in New England" at conference of New England governors.	Do.
Do.	do.	Washington to Santa Fe, N. Mex., Denver and other points in Colorado; Ogden, Utah; Des Moines, Iowa; Chicago, Ill.; Ann Arbor, Mich.; Auburn and Buffalo, N. Y.; Cleveland, Ohio, and return to Washington. (Mar. 10-Apr. 5, 1909.)	294. 08	To address New Mexico and Colorado legislatures and the Denver Chamber of Commerce. To confer with national forest users, to inspect headquarters of district 4 at Ogden, and to speak to the Buffalo Society of Natural Sciences and to take up various matters relating to the administration of the Forest Service.	Do.
Do.	do.	Washington, to Boston, Mass. (Apr. 5, 1909.)	12. 30	Address to the Harvard Union on government work.	Do.
Do.	do.	Washington to Lakewood, N. J., and return to Washington. (May 17-18, 1909.)	11. 75	For conference on conservation of national forest resources.	Do.
Piper, W. B.	Forest assistant.	Washington to Birmingham, Ala., and return. (Feb. 12-Apr. 19, 1909.)	204. 30	Study of forest conditions in northern Alabama in cooperation with the Tennessee Coal, Iron, and Railroad Co.	Cooperative work, forest investigations, 1909.
Plummer, Fred. G.	Geographer.	Washington to San Diego, Cal.; Williams, Ariz.; Albuquerque, N. Mex.; Tacoma, Wash., and return to Washington. (July 8-Sept. 1, 1908.)	366. 46	Instructions and help to supervisors in preparation of data for the Forest Atlas.	General expenses, Forest Service, 1909.
Do.	do.	Washington to New York, and Birmingham, N. Y., and return to Washington. (Nov. 27-30, 1908.)	30. 70	Lecture at State Y. M. C. A., on "Forestry".	Do.
Do.	do.	Washington to New York, Utica, and Albany, N. Y., and return to Washington. (Jan. 19-22, 1909.)	35. 51	Lecture at Colgate University on "Forestry".	Do.
Pooler, Harry.	Forest agent.	Washington to Flagstaff, Ariz. (Oct. 2-Nov. 30, 1908.)	118. 15	Study of forest conditions and estimate of timber on Coconino National Forest.	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Potter, A. F.....	Assistant forester.....	Washington to Kansas City, Mo.; Arizona and New Mexico; Los Angeles and San Francisco, Cal.; Denver, Colo.; Fort Smith, Ark., and return to Washington. (July 16-Oct. 7, 1908.)	Field and office examinations of grazing work. Attendance upon stock meetings to confer with users and adjust complaints and range disputes. Investigation of complaints; instructions to forest officers in details of grazing work. Studies of new methods of administration and changes.	\$516.52	General expenses, Forest Service, 1909.
Do.....	do.....	Washington to New York, N. Y., and return. (Jan. 9, 1909.)	To deliver an address before the Camp Fire Club of America.	10.00	Do.
Do.....	do.....	Washington to Santa Fe, N. Mex.; Denver, Colo.; Ogden, Utah; Butte, Mont.; Portland, Oreg.; San Francisco, Cal.; Magdalena, N. Mex.; Rawlins, Wyo.; Dodge City, Kans.; Kansas City, Mo.; and return to Washington (Mar. 10-June 8, 1909.)	General examination of grazing work. Conferences with users of national forests to adjust complaints and range disputes. Instructions to forest officers in detail of grazing work. Report upon personnel. Boundaries and other features of grazing work.	821.05	Do.
Do.....	do.....	Washington to Denver and other points in Colorado. (Trip not completed during fiscal year, 1909.)	General inspection trip.	151.76	Do.
Preston, J. F.....	Forest assistant.....	Washington to Missoula, Mont. (Nov. 24-Dec. 14, 1908.)	Travel to permanent headquarters.	86.80	Do.
Price, Overton W.....	Associate forester.....	Washington to Nashville, Tenn., and return. (Jan. 28-Feb. 1, 1909.)	To deliver a lecture before fire waste conference.	58.85	Do.
Do.....	do.....	Washington to Albuquerque, N. Mex.; San Francisco, Cal.; Ogden, Utah; Denver, Colo.; and return to Washington. (Apr. 6-May 2, 1909.)	Inspection of Forest Service work.	328.75	Do.
Pullman, Raymond W.....	Expert.....	Washington to Omaha, Nebr.; Denver, Colo.; Salt Lake, Utah; Boise, Idaho; Portland, Oreg.; Seattle, Wash.; Missoula, Mont.; Cody, Wyo.; and return to Washington. (July 7-Aug. 15, 1908.)	To study national forest conditions and confer with forest officers.	424.88	Do.
Do.....	do.....	Washington to St. Paul and other points in Minnesota; Houghton, Mich.; Milwaukee, Wis.; Detroit, Mich., and return to Washington. (Sept. 16-Oct. 2, 1908.)	To study conditions in parts of Minnesota, Wisconsin, and Michigan swept over by forest fires.	175.03	Do.

Do.	do.	Washington to Little Rock, Ark.; Kansas City, Mo.; Denver, Colo.; Albuquerque, N. Mex.; San Francisco, Cal. (Trip not completed during fiscal year 1909.) (May 19-June 30 1909.) (Dec. 1-5, 1908)	To confer with forest officers and assist in organization of work.	367.19	Do.
Quiggle, Edmund B.	Law clerk.	Missoula, Mont. (Dec. 1-5, 1908)	Taking new station, western headquarters.	84.05	Do.
Rachford, C. E.	Forest supervisor.	Washington to Lively, Cal. (Nov. 1-9, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	126.00	Do.
Rea, Miss Eleanor M.	Clerk.	San Francisco, Cal. (Dec. 1-12, 1908).	Taking new station, western headquarters.	114.90	Do.
Recknagel, A. B.	Chief of reconnaissance.	(Trip begun in fiscal year 1908.) Butte and other points in Montana; Seattle, Wash.; Vancouver, B. C.; Montreal, Canada; Washington, D. C. (July 1-28, 1908.)	Instructing field parties and assisting supervisors in making plans for handling timber sales on national forests.	227.40	Do.
Do.	do.	Washington to Tuscaloosa, Ala., other points in Alabama, Georgia, and Tennessee. (July 29-Sept. 22, 1908.)	To address meeting of farmers and others on the care of woodlands, and to arrange for cooperation with owners.	320.49	Do.
Do.	do.	Washington to Albuquerque, N. Mex. (Nov. 30-Dec. 4, 1908.)	To permanent station in the field.	95.55	Do.
Reed, Katherine L.	Stenographer.	Portland, Ore. (Oct. 31-Dec. 4, 1908.)	Taking new station, western headquarters.	97.90	Do.
Riddell, Mrs. Laura G.	Clerk.	Portland, Ore. (Nov. 28-Dec. 7, 1908.)	do.	110.05	Do.
Riley, Floy K.	Clerk (S. and T.).	Missoula, Mont. (Dec. 1-5, 1908)	do.	87.85	Do.
Riley, Miss K. M.	Clerk.	Washington to Albuquerque, N. Mex., and return. (July 17-Nov. 28, 1908.)	Clerical work in office of inspector, Forest Service, Albuquerque, N. Mex., in connection with applications under act June 11, 1906.	220.13	Do.
Ring, Miss Mary L.	do.	Ogden, Utah. (Nov. 16-Dec. 5, 1908.)	Taking new station, western headquarters.	85.55	Do.
Ringland, Arthur C.	Assistant forester.	Washington to New York, N. Y., and return. (Oct. 10-Nov. 4, 1908.)	Study of forest conditions in cooperation with the Navy Department on a naval reservation in New Jersey.	41.11	Do.
Do.	do.	Washington to Chattanooga, Tenn.; Asheville, N. C.; Albuquerque, N. Mex. (Nov. 15-Dec. 2, 1908.)	To assume duties of district forester, Albuquerque, N. Mex.	147.53	Do.
Riordan, Mrs. Annie L.	Clerk (S. and T.).	Denver, Colo. (Nov. 28-Dec. 4, 1908)	Taking new station, western headquarters.	67.70	Do.
Rittue, Miss H. V.	Clerk.	Ogden, Utah. (Dec. 1-5, 1908)	do.	82.00	Do.
Robertson, Richard H.	Copyist and draftsman.	Portland, Ore. (Nov. 30-Dec. 7, 1908)	do.	112.25	Do.
Rockwell, F. I.	Forest assistant.	Washington to Seattle, Wash. (July 11-16, 1908.)	Study of utilization of forest products in Northwestern States.	104.92	Do.
Rogers, Robert L.	do.	Washington to New Haven, Conn.; Boston, Mass.; Albany, N. Y.; Crawford, N. H.; Brunswick, Me.; Concord, N. H.; Burlington, Vt.; Boston, Mass.; Providence, R. I.; and return to Washington. (July 16-Aug. 31, 1908.)	Study of forest plantations in New England, established in cooperation with private owners.	192.54	Do.
Do.	do.	Washington to New Florence, Pa.; Wheeling, W. Va.; and return to Washington. (Sept. 26-30, 1908.)	Study of forest planting in cooperation with private owners.	41.15	General expenses, Forest Service, 1909-\$31.44. Cooperative work, forest investigations 1909-\$9.71.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Rogers, Robert L.....	Forest assistant.....	Washington to points in West Virginia, and return to Washington. (Oct. 5-10, 1908.)	Study of forest planting in cooperation with private owners.	\$37.85	General Expenses, Forest Service, 1909—\$28.10. Cooperative work, forest investigations, 1909—\$9.75.
Do.....	do.....	Washington to Providence, R. I., and return to Washington. (Oct. 29-Nov. 6, 1908.)	Study of forest conditions on Block Island, R. I., in cooperation with private owners.	20.80	General expenses, Forest Service, 1909.
Do.....	do.....	Washington to Memphis, Tenn.; Sulphur Springs and Enid, Okla.; Amarillo, Dalhart, and Torrance, Tex. (Nov. 27-Dec. 21, 1908.)	Inspection of forest plantations, in cooperation with private owners.	126.64	Do.
Rose, William.....	Clerk.....	Albuquerque, N. Mex. (Nov. 25-29, 1908.)	Taking new station, western headquarters.....	84.30	Do.
Rosenquist, Miss Hilda E.....	Clerk (S. and T.).....	Denver, Colo. (Nov. 20-Dec. 4, 1908.)	do.....	56.40	Do.
Rothery, Julian E.....	Forest assistant.....	Washington to Logan, Utah. (July 12-18, 1908.)	Taking station on national forest.....	97.10	Do.
Rothkugel, Max.....	do.....	(Trip begun during fiscal year, 1908.) Williams, Ariz.; Los Angeles, Cal.; Wenatchee, Wash.; Portland, Ore. (July 1-Nov. 1908.)	Study of forest conditions and estimate of timber on Stehekin River watershed, Chelan National Forest. Travel to Portland, permanent headquarters.	249.52	Do.
Rule, Mrs. Mattie F.....	Clerk.....	Portland, Ore. (Dec. 1-6, 1908.).....	Taking new station, western headquarters.....	114.70	Do.
Russell, Miss Augusta W.....	do.....	Portland, Ore. (Dec. 1-6, 1908.).....	do.....	114.15	Do.
Rutledge, R. H.....	Forest supervisor.....	Washington to Caldwell, Idaho. (Nov. 4-9, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	103.70	Do.
Sackett, H. S.....	Forest assistant.....	Washington to Philadelphia, Pa.; New York, N. Y.; Boston, Mass.; and return to Washington, D. C. (July 19-29, 1908.)	Conference with lumber wholesalers on collection of statistics of prices of lumber.	78.70	Do.
Do.....	do.....	Washington to Buffalo, Rochester, and New York, N. Y., and return to Washington. (Sept. 14-26, 1908.)	do.....	53.68	Do.
Do.....	do.....	Washington to Philadelphia, Pa.; New York, N. Y.; Boston, Mass.; and return to Washington. (Nov. 15-25, 1908.)	do.....	79.95	Do.
Do.....	do.....	Washington to Philadelphia, Pa., and return. (Mar. 1-3, 1909.)	do.....	18.65	Do.
Do.....	do.....	Washington to Norfolk, Va., and return. (June 1-3, 1909.)	do.....	14.70	Do.

Do.	do.	Washington to Boston, Mass. (trip not completed during fiscal year, 1909.) (June 30, 1909.)	Study of wood-using industries of Massachusetts.	15.30	Do.
Sampson, Arthur W.	Expert.	Washington to Omaha, Nebr.; Portersville, Los Angeles, and San Francisco, Cal.; Portland and Walla, Oreg. (Mar. 23-June 30, 1909.)	Investigating range conditions on the national forests; preparing plans for reseed-ing and carrying on investigations to determine the most valuable classes of forage grasses and plants.	282.35	Do.
Sanderlin, Miss Pattie.	Clerk.	Ogden, Utah. (Nov. 22-28, 1908.)	Taking new station, western headquarters.	85.30	Do.
Saunders, A. A.	Forest assistant.	Washington to Bozeman, Mont. (July 12-28, 1908.)	Taking station on national forest.	79.00	Do.
Scannell, Miss Agnes V.	Clerk (S. and T.).	Portland, Oreg. (Nov. 12-Dec. 9, 1908.)	Taking new station, western headquarters.	110.70	Do.
Seerey, Daniel F.	Expert.	Washington to St. Paul, Minn.; Walla, Idaho; Butte, Mont.; St. Anthony, Idaho. (Sept. 3-Nov. 30, 1908.)	Study of lumbering on national forests and instruction of local officers in the conduct of sales.	345.38	Do.
Seip, Homer A.	Clerk.	Ogden, Utah. (Nov. 26-Dec. 10, 1908.)	Taking new station, western headquarters.	81.30	Do.
exton, Miss Martha.	do.	San Francisco, Cal. (Nov. 30-Dec. 7, 1908.)	do.	113.45	Do.
Shaw, A. C.	Chief examiner.	Washington to Portland and other points in Oregon; Spokane, Wash.; Helena, Mont.; St. Paul, Minn.; Chicago, Ill.; and return to Wash-ington. (July 4-Aug. 30, 1908.)	To represent Forest Service at hearings in Siskiyou coal claims.	331.50	Do.
Do.	do.	Washington to Toronto, Canada, and return. (Oct. 5-10, 1908.)	Delivered address on forest taxation at the international tax conference at Toronto.	53.80	Do.
Do.	do.	Washington to Battle Creek, Mich., and return. (Nov. 9-12, 1908.)	Delivered address on forest taxation at the Michigan tax conference at Battle Creek.	50.55	Do.
Do.	do.	Washington to Boston, Mass., and return. (Jan. 3-8, 1909.)	To assist General Land Office at its request in taking deposition concerning the Golden Treasure and other claims in the Boise National Forest.	39.35	Do.
Do.	do.	Washington to Pittsburg, Pa., and return. (Jan. 13-15, 1909.)	To assist General Land Office at its request in taking deposition concerning the Pierson coal claims in Siskiyou National Forest.	28.05	Do.
Do.	do.	Washington to Shawano, Wis.; Milwaukee, Wis.; Chicago, Ill.; and re-turn to Washington. (Feb. 7-18, 1909.)	To investigate official conduct of W. E. La Fountain, an employee of the Forest Service.	85.62	Do.
Do.	do.	Washington to Cleveland, Ohio, and return. (Apr. 4-7, 1909.)	To assist General Land Office at its request in taking deposition concerning the Pier-son coal claims in Siskiyou National Forest.	35.45	Do.
Shearman, T. G.	Law examiner.	Washington to Augusta, Me.; New York, N. Y.; and return to Wash-ington. (Feb. 24-29, 1909.)	To attend a joint conference of the two branches of the state legislature called to consider the enactment of a new state for-est law.	47.75	Do.
Do.	do.	Washington to Portland, Oreg.; Seat-tie, Wash. (Trip not completed during fiscal year 1909.) (June 9-30, 1909.)	To assist the office of law in district 6 in the preparation for trial of litigated claims cases and to represent the Forest Service at the final hearings of such cases.	182.40	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Shekells, Miss Mabel A.	Clerk (S. and T.)	Albuquerque, N. Mex. (Nov. 28-Dec. 4, 1908.)	Taking new station, western headquarters...	\$74.25	General expenses, Forest Service, 1909.
Sherlesee, W. F.	Chief, office of wood preservation.	Washington to Chicago, Ill.; Ames, Iowa; Kansas City, Mo.; Denver, Colo.; Leavenworth, Kans.; Glenwood and other points in Colorado; Wallace, Idaho; Missoula, Mont.; Deadwood, S. Dak.; Ogden, Utah; Portland, Oreg.; Minneapolis, Minn.; and return to Washington. (July 14-Oct. 16, 1908.)	General supervision of wood-preservation projects and conditions.	630.44	General expenses, Forest Service, 1909—\$445.44. Cooperative work, forest investigations, 1909—\$185.
Do.	do.	Washington to Burlington, Vt.; Boston, Mass.; and return to Washington. (Oct. 26-Nov. 1, 1908.)	Examination of wood-preserving plants	55.72	General expenses, Forest Service, 1909.
Do.	do.	Washington to New York and Buffalo, N. Y.; Chicago, Ill.; St. Paul, Minn.; Deadwood, S. Dak.; Denver and other points in Colorado; Albuquerque, N. Mex.; El Paso, Tex.; Shreveport and other points in Louisiana; Atlanta, Ga.; Charleston, S. C.; and return to Washington. (Nov. 29-Dec. 27, 1908.)	General supervision of wood-preservation projects.	318.00	Do.
Do.	do.	Washington to Norfolk, Va., and return. (Jan. 15-17, 1909.)	Inspection of treating plants.	18.00	Do.
Do.	do.	Washington to Pottsville, Pa.; New York, N. Y.; Missoula, Mont.; points in Idaho, Montana, and Washington; Portland, Oreg.; San Francisco and Los Angeles, Cal.; Albuquerque, N. Mex.; Kansas City and St. Louis, Mo.; and return to Washington. (Jan. 24-Apr. 14, 1909.)	General supervision wood-preservation projects.	608.90	Do.
Do.	do.	Washington to New York, N. Y., and return. (May 29-June 1, 1909.)	Consult with Bell Telephone Co. about conductivity tests in wood preservation.	21.30	Do.
Sherman, Miss Minet E.	Clerk	San Francisco, Cal. (Nov. 30-Dec. 7, 1908.)	Taking new station, western headquarters...	115.70	Do.
Shipp, Thomas R.	Associate editor	Washington to New York, N. Y., and return. (July 2-5, 1908.)	To confer with the President with regard to a national inventory of forests and other natural resources.	20.00	Do.

Do.....	do.....	Washington to New York and return. (Aug. 14, 1908.)	On business of the Forest Service relating to the collection of newspaper clippings.	15.00	Do.
Do.....	do.....	Washington to Philadelphia, Pa., and return. (Aug. 18, 1908.)	To confer with national board of trade with regard to the distribution of statistics on forestry and irrigation and other related subjects.	11.00	Do.
Shrader, Miss Pearl.....	Clerk.....	Portland, Oreg. (Dec. 1-6, 1908.)	Taking new station, western headquarters.	110.60	Do.
Shumate, J. G.....	C. T. draftsman.....	San Francisco, Cal. (Dec. 1-6, 1908.)	do.....	114.95	Do.
Steeke, Eric O.....	Forest assistant.....	Washington to Old Point Comfort, Va., and return. (Oct. 19-24, 1908.)	Study of forest planting in cooperation with private owners.	16.00	Do.
Smith, C. Stowell.....	Chief, farm timbers.....	Washington to Brooklyn, N. Y.; Wilkesbarre, Pa.; Pottsville, Pa., and return to Washington. (Oct. 6-11, 1908.)	Conduct tests in wood preservation.	43.88	Do.
Do.....	do.....	Washington to Ann Arbor, Mich., and San Francisco, Cal. (Nov. 14-Dec. 5, 1908.)	Take charge of products work in district 5.	97.11	Do.
Smith, Franklin H.....	Expert.....	Washington to Boston, Mass., New York, N. Y., and return to Washington (May 24-29, 1908.)	Conference with lumber wholesalers on collection of statistics of prices of lumber.	29.20	Do.
Do.....	do.....	Washington to Philadelphia, Pa., and Chicago, Ill. (May 30-June 2, 1908.)	do.....	37.13	Do.
Smith, Miss Helen B.....	Map colorist.....	Albuquerque, N. Mex. (Nov. 29-Dec. 5, 1908.)	Taking new station, western headquarters.	76.85	Do.
Smith, Herbert A.....	Editor.....	Washington to Lynchburg, Va., Knoxville, Tenn., and return to Washington. (July 8-17, 1908.)	To deliver course of lectures at University of Tennessee.	87.95	Do.
Smith, Miss Marie.....	Clerk.....	San Francisco, Cal. (Nov. 27, 1908.)	Taking new station, western headquarters.	92.45	Do.
Smith, Stanton G.....	Forest assistant.....	Albuquerque, N. Mex. (Dec. 9-13, 1908.)	To confer with local officers on proposed changes in boundaries of national forests in New Mexico and Arizona.	84.30	Do.
Do.....	do.....	Washington to Albuquerque, N. Mex. (Jan. 6, 1909.)	Return to permanent station in field.	62.25	Do.
Snodgrass, P. L.....	Forest ranger.....	Washington to Gunnison, Colo. (Oct. 3-18, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	76.50	Do.
Snow, Orrin C.....	Forest supervisor.....	Washington to Salt Lake, Utah. (Oct. 1-9, 1908.)	do.....	86.80	Do.
Sorensen, A. C.....	C. T. draftsman.....	Ogden, Utah. (Dec. 1-5, 1908.)	Taking new station, western headquarters.	85.40	Do.
Spring, Samuel N.....	Chief, office of extension.....	Washington to Denver, Colo.; Walcott, Wyo.; Pocatello, Idaho; Salt Lake, Utah; Helena and Missoula, Mont.; Spokane and Wenatchee, Wash.; Portland, Oreg.; Garden City, Kans.; Pueblo, Colo.; New York, N. Y. (July 7-Aug. 21, 1908.)	Instruction of supervisors in forest planting.	430.25	Do.
Do.....	do.....	Washington to Providence, R. I., and return. (Sept. 1-18, 1908.)	Examination in cooperation with War Department to determine feasibility of planting on military reservations.	37.60	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Spring, Samuel N.....	Chief, office of extension.	Washington to Albany, N. Y., and return. (Dec. 17-20, 1908.)	Consultation with New York state forest officials on proposed publication dealing with forest planting.	\$37.40	General expenses, Forest Service, 1909.
Squire, C. H.....	Clerk.....	Washington to Portland, Oreg. (Trip not completed during fiscal year 1909.) (June 14-30, 1909.)	To assist district forester in occupancy work.	163.35	Do.
Stabler, Herbert O.....	Forest supervisor.	Portland, Oreg. (Nov. 1-30, 1908.)	Taking new station, western headquarters.	114.40	Do.
Stahnecker, P. S.....	Clerk.....	Washington to Port Jervis, N. Y., and return. (Sept. 7-23, 1908.)	Official stenographic work for the forester.	52.53	Do.
Do.....	do.....	Washington to New York and return. (Dec. 23-28, 1908.)	Clerical work for the forester.	11.30	Do.
Staley, W. F.....	Examiner.....	(Trip begun in fiscal year 1908.) Spokane, Newport, Wash.; Sandpoint, Harrison, Wallace, Idaho; Helena, Mont.; Washington, D. C. (July 1-Aug. 1, 1908.)	Inspection of Kaniksu and Pend Oreille forests.	197.38	Do.
Do.....	do.....	Washington to Portland, Oreg. (Nov. 18-Dec. 7, 1908.)	Taking new station, western headquarters.	114.15	Do.
Start, E. B.....	Forest assistant.	Portland, Oreg. (Dec. 1-7, 1908.)	do.....	108.75	Do.
Steeley, Mrs. Edna V.....	Clerk.....	Albuquerque, N. Mex. (Dec. 1-5, 1908.)	do.....	77.70	Do.
Stickney, M. N.....	Forest assistant.	Missoula, Mont. (Dec. 1-16, 1908.)	do.....	91.93	Do.
Stockton, Miss Winifred L.....	Clerk.....	Denver, Colo. (Dec. 1-4, 1908.)	do.....	63.85	Do.
Stone, Wilmer T.....	Forest assistant.	Washington to Piqua, Ohio; Fort Wayne, Ind.; Grand Rapids, Mich.; Ludington, Utah; Memphis, Tenn.; Burdette, Ark.; St. Louis, Mo.; Washington, D. C. (Oct. 12-Dec. 12, 1908.)	Study of ashes in the Middle States. Study completed.	217.54	Do.
Do.....	do.....	Washington to Missoula, Mont. (Jan. 29-Feb. 1, 1909.)	Proceeding to new headquarters at Missoula, Mont.	86.30	Do.
Strause, Florence D.....	Clerk.....	Portland, Oreg. (Nov. 1-Dec. 6, 1908.)	Taking new station, western headquarters.	116.95	Do.
Stroup, A. L.....	Forest supervisor.	Washington to Leadville, Colo. (Oct. 1-17, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	68.94	Do.
Stump, W. C.....	Clerk.....	Denver, Colo. (Dec. 1-5, 1908.)	Taking new station, western headquarters.	61.00	Do.
Sudworth, Geo. B.....	Dendrologist.....	Washington to Knoxville, Tenn., and return. (July 14-27, 1908.)	To lecture on forestry before the Summer School of the South.	91.93	Do.

Do.	do.	Washington to Buffalo, N. Y.; Chicago, Ill.; Deadwood and Edgemont, S. Dak.; Seattle, Wash.; Portland and Grants Pass, Oreg.; San Francisco and Los Angeles, Cal.; Douglas, Ariz.; El Paso, Tex.; Chicago, Ill.; Cassopolis, Mich.; and return to Washington. (Sept. 17-Dec. 11, 1908.)	Dendrological studies in the West and Middle West. Collection of data for dendrological publications.	553.83	Do.
Do.	do.	Washington to Norfolk, Va., and return. (Mar. 8-10, 1909.)	Study for a proposed plantation in cooperation with a private owner.	15.55	Do.
Do.	do.	Washington to Seattle, Wash., and return. (May 12-June 29, 1909.)	Dendrological studies in the Pacific Northwest. Collection of data for publication.	416.75	Do.
Swan, J. S.	Clerk.	San Francisco, Cal. (Dec. 2-13, 1908.)	Taking new station, western headquarters.	102.15	Do.
Swan, O. T.	Forest assistant.	Washington to Atlantic, Iowa; Lincoln, Nebr.; Denver, Colo.; Albuquerque, N. Mex. (Feb. 4-17, 1909.)	Take charge of products work in district 3.	54.90	Do.
Swift, T. T.	Forest supervisor.	Washington to Bowie, Ariz. (Aug. 20-31, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	97.00	Do.
Talbot, Thomas M.	Law examiner.	San Francisco, Cal. (Dec. 1-8, 1908.)	Taking new station, western headquarters.	115.90	Do.
Taylor, Miss Imogen.	C. T. draftsman.	Denver, Colo. (Dec. 1-4, 1908.)	do.	58.80	Do.
Tegethoff, Veronica.	Clerk.	Ogden, Utah. (Nov. 26-Dec. 5, 1908.)	do.	84.95	Do.
Thelen, Rolf.	Engineer in timber tests.	Washington to Trenton, N. J., and return. (July 27-30, 1908.)	To inspect telephone wire for permanent improvement work.	15.40	Do.
Thompson, Edward R.	C. T. draftsman.	Albuquerque, N. Mex. (Nov. 30-Dec. 3, 1908.)	Taking new station, western headquarters.	76.45	Do.
Thompson, F. C.	Clerk.	Denver, Colo. (Nov. 23-Dec. 5, 1908.)	Taking new station, western headquarters.	68.90	Do.
Thompson, W. E.	do.	Ogden, Utah. (Dec. 29, 1908-Jan. 4, 1909.)	do.	85.05	Do.
Tibbott, O. H.	Accountant.	Washington to Chicago, Ill.; Denver, Colo.; points in Idaho and Montana; Spokane, Wash.; and return to Washington. (July 18-Aug. 11, 1908.)	(1) Inspection of accounts in forest supervisors' offices. (2) Giving instruction and advice to supervisors and others with regard to preparing and rendering vouchers and keeping proper record of them. (3) Securing data with a view to improving forest accounting records.	234.75	Do.
Tidestrom, Ivar.	Scientific assistant.	Washington to Green River, Ephraim, Utah; Delta and other points in Colorado. (May 3-June 30, 1909.)	Investigating range conditions on the national forests; preparing plans for reseed-ing operations and carrying on investigations to determine the most valuable classes of forage grasses.	189.60	Do.
Tillotson, M. R.	Expert.	Washington to Lebanon, Ind.; Missoula, and other points in Montana; Kootenai, and other points in Idaho. (Assigned to district 5, Dec. 1, 1908.) (July 1-Nov. 30, 1908.)	Examination of lands under act of June 11, 1906.	285.00	Do.
Todd, Miss Blanche.	Classified laborer.	Missoula, Mont. (Nov. 24-Dec. 2, 1908.)	Taking new station, western headquarters.	89.45	Do.
Torstenson, N. O.	Forest supervisor.	Washington to Salinas, Cal. (Aug. 1-31, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	149.95	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Tolten, Sarah G.	Clerk.	Ogden, Utah. (Nov. 21-24, 1908.)	Taking new station, western headquarters.	\$72.95	General expenses, Forest Service, 1909.
Tripp, Homer F.	Draftsman.	Missoula, Mont. (Nov. 30-Dec. 4, 1908)	do.	84.85	Do.
Trowbridge, Geo. E.	Law examiner.	Portland, Oreg. (Dec. 1-10, 1908)	do.	111.15	Do.
Urbanowicz, John A.	Clerk.	Missoula, Mont. (Dec. 3-7, 1908)	do.	92.05	Do.
Veneman, T. W.	Timber-testing assistant.	Washington to Boulder, Colo. (Dec. 14-18, 1908.)	To work in Forest Service timber testing laboratory at Boulder.	57.80	Do.
Von Bayer, Wm. H.	Chief of reconnaissance.	Washington to Altoona, Pa.; Elmira, N. Y.; Utica, N. Y.; Chicago, Ill.; Milwaukee, Sturgeon Bay, and Waukegan, Wis.; Lawrence, Kans.; Terre Haute, Ind.; Cincinnati, Ohio, and return to Washington. (July 1-Aug. 13, 1908.)	Study of seed-storing methods.	304.51	Do.
Do.	do.	Washington to Birmingham, Ala., and return. (Mar. 23-June 5, 1909.)	Study of forest conditions in northern Alabama, in cooperation with the Tennessee Coal, Iron and Railroad Co.	144.99	General expenses, Forest Service, 1909—\$100.00. Cooperative work, forest investigations, 1909—\$44.99.
Von der Linde, Miss Alma.	Clerk.	Denver, Colo. (Nov. 12-Dec. 2, 1908.)	Taking new station, western headquarters.	62.25	General expenses, Forest Service, 1909.
Waha, A. O.	Chief of operation (district 3).	Washington to Albuquerque, N. Mex. (Nov. 30-Dec. 4, 1908.)	do.	72.25	Do.
Wales, F. C.	Chief of engineering (district 5).	Washington to Philadelphia, Pa., and San Francisco, Cal. (Dec. 1-8, 1908.)	do.	142.48	General expenses, Forest Service, 1909—\$415. Improvement of the national forests, 1909—\$138.33.
Walker, Miss Daisy E.	Map colorist.	San Francisco, Cal. (Nov. 30-Dec. 6, 1908.)	do.	112.50	General expenses, Forest Service, 1909.
Warren, Miss Belle D.	Clerk.	Missoula, Mont. (Nov. 30-Dec. 5, 1908)	do.	87.50	Do.
Waters, Miss Marguerite.	Clerk (S. and T.).	Denver, Colo. (Dec. 1-3, 1908)	Taking new station, western headquarters.	53.80	Do.
Weaver, Miss Ermina E.	do.	Denver, Colo. (Dec. 28, 1908-Jan. 2, 1909.)	do.	57.05	Do.
Weigle, W. G.	Assistant chief of management.	(Trip begun during fiscal year, 1908.) Redding, Cal.; Portland, Oreg.; Butte, Mont.; Anaconda, Mont.; Wallace, Idaho. (Assigned as supervisor of Coeur d'Alene National Forest, Oct. 16, 1908.) (July 1-Oct. 15, 1908.)	Instruction of supervisors and travel to permanent station.	446.56	Do.

Well, H. J.	Clerk	San Francisco, Cal. (Nov. 28-Dec. 7, 1908.)	Taking new station, western headquarters...	113.05	Do.
Weiss, H. F.	Chief, section of research.	Washington to Baltimore, Md.; Wilkes-Barre, Porterville, and Pottsville, Pa.; and return to Washington. (Aug. 3-5, 1908.)	Supervise operation of treating plants. Place contracts for laboratory machinery.	28.98	Cooperative work, forest investigations, 1909.
Do.	do.	Washington to Philadelphia and return. (Oct. 15-16, 1908.)	Examine treating results of Pennsylvania Railroad Co.	12.50	General expenses, Forest Service, 1909.
Do.	do.	Washington to Birmingham, Ala.; Ruston, Shreveport, New Orleans, La.; and return to Washington. (Nov. 1-20, 1908.)	Supervise tests in wood preservation.....	155.39	General expenses, Forest Service, 1909—\$93.74. Cooperative work, forest investigations, 1909—\$61.65.
Do.	do.	Washington to Warren, Pa.; Buffalo, N. Y.; Allentown, Pa.; and return to Washington. (Dec. 9-11, 1908.)	Inspect and ship treating plant machinery..	40.20	General expenses, Forest Service, 1909.
Do.	do.	Washington to New York, N. Y.; New Haven, Conn.; Boston, Mass.; Bangor, Me.; Jersey City, N. J.; and return to Washington. (Feb. 13-24, 1909.)	Deliver lectures on wood preservation.....	87.25	Do.
Do.	do.	Washington to Cochran, Ohio.; Chicago, Ill.; Madison, Wis.; and return to Washington. (Mar. 12-22, 1909.)	Attend meeting of American Railway Engineers and Maintenance of Way Association. Arrange for installation of laboratory.	83.15	Do.
Do.	do.	Washington to Chicago, Ill.; Indianapolis, Ind.; Louisville, Ky.; and return to Washington. (May 13-18, 1909.)	Supervise wood preservation experiments....	78.90	Do.
Wells, Philip P.	Law officer.	Washington to Albany, N. Y.; New Haven, Conn.; and return to Washington. (Aug. 26-Sept. 18, 1908.)	Conference with librarian of New York State Library at Albany, N. Y.; re forest legislation for 1907, etc. Conference at New Haven, Conn., with Prof. Fred R. Fairchild, expert in Forest Service, re his study of forest taxation.	21.60	Do.
Do.	do.	Washington to New Haven, Conn.; Hartford, Conn.; Concord, N. H.; Boston, Mass.; and return to Washington. (Oct. 21-28, 1908.)	Conference at Peterboro, N. H., with New Hampshire state forestry commission on report of study of forest taxation in New Hampshire made by Forest Service.	43.42	Do.
Do.	do.	Washington to Boston, Mass., and return. (Nov. 2-6, 1908.)	Conference at Peterboro, N. H., with New Hampshire state forestry commission on report of study of forest taxation in New Hampshire made by Forest Service, Co-operation with said commission and state tax commission re forest taxation in New Hampshire.	46.00	General expenses, Forest Service, 1909—\$21.35. Cooperative work, forest investigations—\$24.65.
Do.	do.	Washington to New Haven, Conn.; New York, N. Y.; and return to Washington. (Feb. 17-20, 1909.)	Lectures at Yale forest school on forest law, etc.	23.75	General expenses, Forest Service, 1909.
Do.	do.	Washington to Albuquerque, N. Mex.; Flagstaff, Ariz.; San Francisco, Cal.; Bakersfield, Cal.; Portland, Ore.; and return to Washington. (Apr. 6-May 2, 1909.)	Inspection of district law offices.....	357.55	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Wessler, Lillian E.....	Stenographer.....	Denver, Colo. (Oct. 26-Dec. 2, 1908)...	Taking new station, western headquarters...	\$61.95	General expenses, Forest Service, 1909.
Westlake, Miss Beulah E.....	Clerk.....	Portland, Oreg. (Nov. 30-Dec. 9, 1908.)	.....do.....	115.00	Do.
Wheaton, W. R.....	Chief, section national forest timbers.	(Trip begun during fiscal year 1908.) Denver, Colo.; Deadwood, S. Dak.; San Francisco, Cal.; Missoula, Mont.; Seattle, Wash.; Portland, Oreg.; Los Angeles, Cal.; Benson and Douglas, Ariz.; Albuquerque, N. Mex. (July 1-Dec. 19, 1908.)	To locate and arrange cooperation for treating plants on the national forests.	647.93	Do.
Wheeler, B. L.....	Expert miner.....	(Trip begun during fiscal year 1908.) Missoula and Anaconda, Mont.; Pendleton, Oreg.; Butte, Mont.; Pocatello, Idaho; Great Falls and other points in Montana; Pinedale and other points in Wyoming; Stites, Idaho; Winnemucca, Nev. (July 1-Nov. 30, 1908.) Washington to Boulder, Colo. (Dec. 11, 1908.)	Examination of mining claims.....	724.20	Do.
Wheeler, H. N.....	Forest supervisor.....	Albuquerque, N. Mex. (Dec. 14-19, 1908.) Washington to Portland, Oreg. (July 9-15, 1908.) San Francisco, Cal. (Nov. 26-Dec. 9, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties. Taking new station, western headquarters.....	48.25	Do.
Wheeler, Wm. D.....	Clerk.....	Albuquerque, N. Mex. (Dec. 14-19, 1908.)	Taking new station, western headquarters.....	75.40	Do.
Wilcox, Arthur R.....	Forest assistant.....	Washington to Portland, Oreg. (July 9-15, 1908.)	Taking station on national forest.....	108.25	Do.
Wiley, Clarence.....	Clerk.....	San Francisco, Cal. (Nov. 26-Dec. 9, 1908.)	Taking new station, western headquarters.....	111.85	Do.
Wilhite, C. O.....	.....do.....	Missoula, Mont. (Dec. 1-5, 1908.)	.....do.....	89.15	Do.
Willey, Willford B.....	Forest assistant.....	Washington to Knoxville, Tenn.; Williamsburg and other points in Kentucky, Cincinnati, Ohio, and return to Washington. (July 1-Oct. 30, 1908.)	Study of forest conditions in Kentucky, in cooperation with the State.	467.30	General expenses, Forest Service, 1909—\$142.94. Cooperative work, Forest investigations, 1909—\$324.36.
Williams, Eugene.....	Forest supervisor.....	Washington to Moffat, Colo. (Oct. 20-31, 1908.)	Returning to station in the West after serving detail in the Washington office to assist in administrative duties.	65.71	General expenses, Forest Service, 1909.

Willis, C. P.	Forest assistant.	Washington to Baltimore, Md., Bruceville, Md., and return to Wash- ington. (July 22-25, 1908.)	To give lectures on wood preservation.	20.33	Do.	
Do.	do.	Washington to Calhoun, S. C., Green- ville, S. C., and return to Washing- ton. (Aug. 18-Sept. 20, 1908.)	To conduct tests in wood preservation.	47.74	Do.	
Do.	do.	Washington to Brooklyn, N. Y., and return. (Sept. 23-Oct. 15, 1908.)	do.	51.40	General expenses, Forest Service, 1909—\$13.80. Cooperative work, For- est investigations, 1909—\$37.00.	
Do.	do.	Washington to Chicago, Ill., St. Paul, Minn., and return to Washington. (Nov. 17, 1908-Mar. 20, 1909.)	do.	122.50	General expenses, Forest Service, 1909.	
Do.	do.	Washington to Portland, Ore. (June 12-18, 1909.)	To take position as forest assistant on a na- tional forest.	110.80	Do.	
Willson, Roscoe G.	Forest supervisor.	Washington to Nogales, Ariz. (Nov. 21-Dec. 6, 1908.)	Returning to station in the West after serv- ing detail in the Washington office to assist in administrative duties	100.85	Do.	
Winslow, Carlisle P.	Expert.	Washington to New York, N. Y., Potsville, Wilkes-Barre, and Phila- delphia, Pa., and return to Washing- ton. (Sept. 3-Oct. 15, 1908.)	To conduct tests in wood preservations	118.78	General expenses Forest Service, 1909—\$17.77. Cooperative work, For- est investigations— \$101.01.	
Do.	do.	Washington to Philadelphia, Wilkes- barre, Pa., and return to Washing- ton. (Oct. 18-Dec. 13, 1908.)	do.	208.75	General expenses, Forest Service, 1909—\$108.28. Cooperative work, for- est investigations, 1909 —\$40.47.	
Do.	do.	Washington to Buffalo, N. Y.; Chi- cago, Ill., and return to Washington. (Jan. 1-16, 1909.)	To examine and recommend a wood preserv- ative policy for soft-coal mines.	85.49	Cooperative work, forest investigations, 1909.	
Do.	do.	Washington to Indianapolis, Ind. (May 8-June 30, 1909.)	To conduct tests in wood preservation.	114.69	Do.	
Wise, Miss May.	Clerk (S. and T.).	Denver, Colo. (Nov. 15-Dec. 4, 1908.)	Taking new station, western headquarters.	57.65	General expenses, For- est Service, 1909.	
Wold, Oscar M.	Clerk.	Missoula, Mont. (Nov. 21-25, 1908).	do.	87.65	Do.	
Womack, Miss Preston.	Land law clerk.	Denver, Colo. (Dec. 1-5, 1908.)	To assist in work of office of products in dis- trict No. 5.	65.45	Do.	
Wulff, Victor.	Forest assistant.	Washington to Oakland, Cal. (Aug. 14-23, 1908.)	Study of forest fires in Michigan.	116.85	Do.	
Wynne, Athol A.	Lumberman.	Washington to Ann Arbor, Mich., Detroit, Cadillac, and other points in Michigan, and return to Washing- ton. (Oct. 1-Dec. 24, 1908.)		358.25	General expenses, For- est Service, 1909—\$26- 85. Cooperative work, forest investigations, 1909—\$331.40.	
Ziegler, E. A.	Chief, section of comput- ing.	Washington to Cincinnati, Ohio, and return. (April 13-16, 1909.)	To report to National Hickory Association on cooperative work in hickory production and utilization carried on by the associa- tion and the Forest Service.	46.30	General expenses, Forest Service, 1909.	
Do.	do.	Washington to Seattle, Wash., and re- turn. (Trip not completed during fiscal year 1909.) (June 15-30, 1909.)	To inspect methods of forest measurement on the national forests.	156.60	Do.	

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Zon, Raphael.....	Chief, office of silvics.....	Washington to Knoxville, Tenn. (July 5-10, 1908.)	For a series of lectures on forestry before the summer school of teachers at the University of Tennessee.	\$40.55	General expenses, Forest service, 1909.
Do.....	do.....	Washington to Kansas City, Mo.; Hutchinson, Kans.; Flagstaff and Grand Canyon, Ariz.; Denver, Colo., and return to Washington. (July 21-Aug. 26, 1908.)	Windbreak study in the Middle States and organization of silvical work and establishment of experiment stations in Arizona.	305.44	Do.
Do.....	do.....	Washington to New York, N. Y.; London, England; to points in Germany, France, Austria, and Switzerland; and return to Washington. (Oct. 5, 1908-Mar. 2, 1909.)	Study of forest experiment stations and methods and instruments used in experimentation.	780.19	Do.
Do.....	do.....	Washington to Denver, Colo.; Lincoln and other points in Nebraska; Ogden, Utah; Pocatello, Idaho; Butte and Missoula, Mont.; Minneapolis, Minn.; Shawoua, Wis.; and return to Washington. (Apr. 30-May 28, 1909.)	Inspection and establishment of experimental planting areas in the sandhill regions of Nebraska and Idaho.	252.06	Do.
Do.....	do.....	Washington to New York, N. Y., and return. (June 25-29, 1909.)	Attending conference of New England state foresters in regard to checking the white-pine blister rust introduced on white-pine stock from Germany.	20.50	Do.

BUREAU OF CHEMISTRY.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Barber, K. G.....	Microanalyst.....	Dayton, Ohio. (Dec. 9-29, 1908).....	To assist in the work of the bureau being done for the United States Post-Office Department at the stamped-envelope agency.	\$102.20	Laboratory, Department of Agriculture, 1909.
Do.....	do.....	Dayton, Ohio. (May 22-June 9, 1909).	To assist in the work of testing paper used by the United States envelope agency, which was in connection with work for the Post-Office Department.	98.80	Do.
Berger, H. W.....	Fermentation chemist...	Omaha, Nebr. (Nov. 25-Dec. 27, 1908).	To assist in conducting the demonstration and illustration of the methods of making denatured alcohol, at the National Corn Exposition, held at Omaha.	219.32	Do.

Do.....	do.....	El Paso, Tex. (Mar. 18-Apr. 7, 1909).	Harrisburg, Pa.; Chicago, Ill.; Minneapolis, Minn. (June 7-26, 1909.)	To investigate methods of making denatured alcohol at that place, in connection with experiments that the Bureau of Chemistry conducted relative to the making of denatured alcohol.	202. 20	Do.
Bidwell, G. L.	Assistant chemist.	do.....	Mackinac Island, Mich.; Detroit, Mich.; Buffalo, N. Y.; Kansas City, Mo.; Chicago, Ill.; Omaha, Nebr.; Pittsburg, Pa. (July 30-Aug. 29, 1908.)	To study methods of milling and flour making, in connection with the enforcement of the food and drugs act.	146. 97	Do.
Bigelow, W. D.	Assistant chief of bureau and chief of the food division.	do.....	New Haven, Conn. (Jan. 11-13, 1909.)	Work in connection with the enforcement of the food and drugs act.	249. 41	Do.
Do.....	do.....	do.....	Philadelphia, Pa.; New York, N. Y.; Boston, Mass. (Feb. 16-21, 1909.)	do.....	25. 30	Do.
Do.....	do.....	do.....	Norfolk, Va. (Mar. 8-11, 1909.)	do.....	54. 00	Do.
Do.....	do.....	do.....	Baltimore, Md.; Philadelphia, Pa.; New York, N. Y. (Apr. 28-May 7-9, 1909.)	do.....	23. 65	Do.
Boyle, Martin.	Scientific assistant.	do.....	Trenton, N. J. (June 21-22, 1908)	do.....	34. 95	Do.
Bryan, A. Hugh.	Assistant chemist.	do.....	Various points in the New England States and Canada. (Apr. 1-23, 1909.)	To appear as a witness in a case in connection with the enforcement of the food and drugs act.	14. 20	Do.
Chace, E. M.	Assistant chief of food division.	do.....	Between, within, and throughout the States of New York, Connecticut, Michigan, and Ohio. (Aug. 25-Sept. 5, 1908.)	To investigate the maple-sirup and maple-sugar industries in connection with the enforcement of the food and drugs act.	170. 84	Do.
Do.....	do.....	do.....	Various points in California, Oregon, and Washington; St. Louis, Mo.; Kansas City, Mo.; Omaha, Nebr.; Denver, Colo.; St. Paul, Minn.; Chicago, Ill. (Apr. 13-June 30, 1909.)	To investigate the peppermint-oil industry in connection with the enforcement of the food and drugs act.	82. 35	Do.
Chesnut, V. K.	Assistant chemist.	do.....	Philadelphia, Pa. (June 1-12, 1909)	To investigate the lemon by-product industry, and other inspection work necessary in connection with the enforcement of the food and drugs act.	631. 75	Do.
Church, C. G.	Scientific assistant.	do.....	Clemson College, S. C. (July 1-31, 1909.)	To secure samples of drugs to be used in connection with the enforcement of the food and drugs act.	70. 05	Do.
Do.....	do.....	do.....	To, within, and throughout the States of Missouri, Nebraska, and Minnesota; and to Rocky Ford, Colo. (Aug. 1-18, 1908.)	To assist in the study of the effect of environment on sugar corn.	66. 22	Do.
Do.....	do.....	do.....	Between Washington, D. C., and College Park, Md. (Aug. 18-25, 1908.)	do.....	140. 07	Do.
Do.....	do.....	do.....	New Haven and Orange, Conn., and Bangor and Orano, Me. (Aug. 25-Oct. 5, 1908.)	do.....	4. 50	Do.
Do.....	do.....	do.....	Gainesville, Fla.; Clemson College, S. C. (May 23-June 30, 1909.)	do.....	242. 79	Do.
Do.....	do.....	do.....		To assist in conducting experiments to determine the influence of environment on sweet corn.	149. 76	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Donk, M. G.	Scientific assistant	Various points in Virginia, North Carolina, South Carolina, Georgia, Alabama, Florida, and Mississippi. (Sept. 8-Oct. 20, 1908.)	To inspect distillation of turpentine, and to collect samples of turpentine in connection with the enforcement of the food and drugs act.	\$176.25	Laboratory, Department of Agriculture, 1909.
Dunlap, F. L.	Associate chemist	Baltimore, Md.; New York, N. Y. (Aug. 15-23, 1908.)	Work in connection with the enforcement of the food and drugs act.	31.00	Do.
Do.	do.	Boston and New Bedford, Mass. (Sept. 16-25, 1908.)	do.	32.35	Do.
Do.	do.	New York, N. Y. (Dec. 3-6, 1908)	do.	23.15	Do.
Do.	do.	Baltimore, Md. (Dec. 29-31, 1908)	do.	13.50	Do.
Do.	do.	Chicago and Peoria, Ill.; Detroit, Mich.; Cincinnati and Chillicothe, Ohio; Pittsburg, Pa. (May 21-June 11, 1909.)	do.	2.35	Do.
Do.	do.	Baltimore, Md. (June 28, 1909)	do.	110.37	Do.
Given, Arthur.	Scientific assistant	Cincinnati, Ohio. (Sept. 10-15, 1908)	To secure information relative to certain apparatus necessary for use in connection with denatured-alcohol work.	5.25	Do.
Gore, H. C.	do.	Charlottesville, Va. (Sept. 10-13, 1908).	To confer with the enological chemist of the Bureau of Chemistry in regard to matters pertaining to investigations on the fermentation of fruit juices.	46.05	Do.
Do.	do.	Sandusky, Ohio. (Sept. 25-Oct. 28, 1908.)	To study the manufacture of wines in that locality in connection with the enforcement of the food and drugs act.	8.00	Do.
Do.	do.	Cornelia, Ga. (Apr. 21-24, 1909)	To conduct investigation relative to the preparation of vinegar from fruit parings and other fruit waste.	104.69	Do.
Haywood, J. K.	Chief of the miscellaneous laboratory.	Denver, Colo.; San Francisco, Cal.; Butte, Mont.; within and throughout the State of Montana. (July 8-Sept. 5, 1908.)	To conduct investigation relative to the making studies of the effect of smelter waste on vegetation, from a chemical standpoint.	42.90	Do.
Do.	do.	Ducktown, Tenn.; Atlanta, Ga. (Nov. 17-21, 1908.)	To study the effect of smelter fumes on vegetation.	896.72	Do.
Do.	do.	New York and Saratoga, N. Y. (Dec. 7-10, 1908.)	To inspect springs and water establishments, in connection with the enforcement of the food and drugs act.	65.28	Do.
Do.	do.	New York, N. Y. (Jan. 1-4, 1909)	To assist in cases in connection with smelter fume suits.	38.35	Do.
Do.	do.			24.95	Do.

Do.	do.	New York and Ithaca, N. Y. (June 13-21, 1909.)	To investigate the best methods of installing equipment to be used in making analysis of cattle foods.	52.65	Do.
Jacobs, B. R.	Assistant chemist.	Fargo, N. Dak.; Minneapolis, Minn.; Chicago, Ill. (May 9-June 7, 1909.)	To conduct experiments on milling and baking of certain grains, in collaboration with the Bureau of Plant Industry.	195.00	Do.
Keblor, L. F.	Chief of the drug division.	Chicago, Ill.; various points in lower Michigan. (July 2-25, 1908.)	Work in connection with the enforcement of the food and drugs act.	41.30	Do.
Do.	do.	Philadelphia, Pa. (Aug. 18-19, 1908.)	do.	17.35	Do.
Do.	do.	Points in Michigan, Arkansas, Georgia. (Sept. 1-16, 1908.)	do.	143.48	Do.
Do.	do.	Philadelphia, Pa. (Nov. 16-17, 1908.)	do.	16.60	Do.
Do.	do.	New York and Peekskill, N. Y. (Nov. 29-Dec. 5, 1908.)	do.	51.67	Do.
Do.	do.	Baltimore, Md. (Jan. 14-15, 1909)	do.	5.30	Do.
Do.	do.	Philadelphia, Pa.; New York, N. Y. (Apr. 1-16, 1909.)	do.	45.15	Do.
Do.	do.	Philadelphia, Pa. (June 8-9, 1909)	do.	12.90	Do.
Liepsner, F. W.	Assistant chemist.	St. Louis and Kansas City, Mo.; Chicago, Ill. (Aug. 4-Sept. 25, 1908.)	To install the food and drug inspection laboratory at St. Louis, to assist in special investigations to be conducted at St. Louis and the other points mentioned, in connection with the enforcement of the food and drugs act.	233.60	Do.
Morgan, F. P.	do.	New York, N. Y.; New Haven, Conn. (May 5-15, 1909.)	To confer with experts in the manufacture and testing of drugs.	69.95	Do.
Parker, C. E.	Scientific assistant.	Boston, Mass.; New York, N. Y. (July 1-Aug. 20, 1908.)	To study the systems of drug inspection in the Boston and New York laboratories.	61.68	Do.
Patrick, Geo. E.	Chief of the dairy laboratory.	Mackinac Island, Mich. (Aug. 3-7, 1908.)	To attend a meeting of the state and national dairy and food departments, as a representative of the Department of Agriculture, for conference regarding matters pertaining to the enforcement of the food and drugs act.	60.05	Do.
Do.	do.	St. Charles, Ill.; Highland, Ill.; Indianapolis, Ind.; Delta, Ohio. (Oct. 31-Nov. 21, 1908.)	To inspect the manufacture of evaporated milks.	90.44	Do.
Do.	do.	New York, N. Y. (Jan. 28-31, 1909.)	To study and investigate the manufacture, preparation and packing of condensed milk, in connection with the enforcement of the food and drugs act.	19.90	Do.
Do.	do.	Springville, N. Y.; Randolph, N. Y. (Feb. 2-6, 1909.)	To investigate the manufacture and packing of evaporated milk.	31.11	Do.
Read, Effie A.	Micro analyst.	Boston, Mass. (June 7-30, 1909.)	To investigate methods used in drying eggs, in connection with the enforcement of the food and drugs act.	89.55	Do.
Salant, Wm.	Pharmacologist.	New York, N. Y. (Apr. 3-7, 1909.)	To secure data for investigations in connection with the enforcement of the food and drugs act.	16.85	Do.
Sammet, C. F.	Assistant chemist.	Boston, Mass.; Rumford, Falls, Me. (July 30-Aug. 12, 1909.)	To conduct experimental work at the postal-card agency, regarding quality of postal-card paper, for the Post-Office Department.	68.95	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Sawyer, H. E.....	Fermentation chemist...	Cincinnati, Ohio. (Oct. 28-30, 1908)...	To inspect denatured-alcohol apparatus, which was being constructed at that place.	\$43.30	Laboratory, Department of Agriculture, 1909.
Do.....	do.....	Omaha, Nebr. (Nov. 10-Dec. 23, 1908.)	To conduct demonstration and illustration of the methods for the making of denatured alcohol at the National Corn Exposition held at Omaha.	430.16	Do.
Do.....	do.....	Denver, Greeley, Colo. (Jan. 5-14, 1909.)	To consult with persons at those places regarding the manufacture of denatured alcohol.	151.75	Do.
Do.....	do.....	Baltimore, Md. (Jan. 27, 1909).....	To consult with officials of the Treasury Department relative to winding up the affairs of the experimental distillery for the spring of 1908.	3.00	Do.
Do.....	do.....	Philadelphia, Pa. (Feb. 18-21, 1909)...	To study the methods employed in the operation of an experimental denatured-alcohol still.	24.90	Do.
Do.....	do.....	Louisville, Covington, Ky.; Cincinnati, Ohio; Chicago, Ill.; Omaha, Nebr.; Pittsburg, Pa.; Boston, Newburyport, Mass. (May 21-June 25, 1909.)	To collect data and materials to be used in preparing for and illustrating the instructions to be given as to methods of making denatured alcohol.	297.18	Do.
Skinner, W. W.....	Food inspection chemist.	Herndon, Va. (July 9, 1908).....	Address farmers' institute meeting.....	1.10	Farmers' institutes, 1909.
Stiles, Geo. W.....	Bacteriological chemist.	Various points in New York, New Jersey, Pennsylvania, and Maryland. (Sept. 10-18, 1908.)	To conduct bacteriological investigations and sanitary inspection of gelatine and glue factories, in connection with the enforcement of the food and drugs act.	43.30	Do.
Do.....	do.....	Various points in Louisiana, Mississippi, Connecticut, Massachusetts, Rhode Island, New York, New Jersey, Delaware, Maryland, and Virginia. (Jan. 10-13, Feb. 1-12, Mar. 7-16, Mar. 29-Apr. 2, 1909.)	To inspect oyster beds and secure samples of oysters for bacteriological investigations in connection with the enforcement of the food and drugs act.	203.02	Do.
Do.....	do.....	Baltimore, Md. (May 18-26, 1909).....	To make a bacteriological study of the oyster industry.	8.00	Do.
Do.....	do.....	Various points in Connecticut, Massachusetts, Rhode Island, New York, New Jersey, Delaware, Maryland, and Virginia. (June 14-27, 1909.)	To inspect oyster and clam beds and procure samples for bacteriological and other investigations in connection with the enforcement of the food and drugs act.	88.06	Do.

Straghan, M. N.....	Scientific assistant.....	Clemson College, S. C. (July 1-Aug. 4, 1908.)	To study the effects of environment on sugar corn.	70.80	Do.
Do.....	do.....	Auburn, Ala.; within and throughout the States of Missouri, Nebraska, Minnesota; Rocky Ford, Colo. (Aug. 5-Sept. 22, 1908.)	do.....	418.58	Do.
Do.....	do.....	New Haven and Orange, Conn.; Bangor and Orano, Me. (Oct. 2-21, 1908.)	do.....	73.30	Do.
Do.....	do.....	Gainesville, Fla.; Clemson College, S. C. (May 23-June 30, 1909.)	To conduct experiments in determining the influence of environment on sweet corn, etc.	199.63	Do.
Tolman, L. M.....	Chief of Washington Food and Drug Inspection Laboratory.	Buffalo, N. Y.; Mackinac Island, Mich. (July 31-Aug. 7, 1908.)	Inspection work in connection with the enforcement of the food and drugs act.	80.95	Do.
Do.....	do.....	Cincinnati, Ohio. (Aug. 18-23, 1908.)	do.....	54.44	Do.
Do.....	do.....	Pana, Ill.; Springfield, Ill.; Peoria, Ill. (Aug. 27-Sept. 3, 1908.)	do.....	76.43	Do.
Do.....	do.....	Detroit, Mich. (Sept. 13-17, 1908.)	do.....	53.81	Do.
Do.....	do.....	Norfolk, Va. (Nov. 6-12, 1908.)	do.....	26.30	Do.
Do.....	do.....	New York, N. Y.; Peekskill, N. Y. (Dec. 2-5, 1908.)	do.....	29.30	Do.
Do.....	do.....	Baltimore, Md. (Dec. 17, 1908.)	do.....	4.50	Do.
Do.....	do.....	Baltimore, Md. (Dec. 29, 1908.)	do.....	3.85	Do.
Do.....	do.....	New York, N. Y. (Mar. 14-16, 1909.)	do.....	18.80	Do.
Do.....	do.....	New York, N. Y. (May 25, 1909.)	do.....	17.30	Do.
Do.....	do.....	Boston, Ayer, Lowell, Mass.; Buffalo, Tonawanda, Middleport, Lockport, Medina, Albion, Rochester, Fairport, N. Y. (June 3-10, 1909.)	do.....	68.85	Do.
Do.....	do.....	Norfolk, Va. (June 13-17, 1909.)	do.....	25.65	Do.
Veitch, F. P.....	Chief of leather and paper laboratory.	Dayton, Hamilton, and Columbus, Ohio; Pittsburg, Pa.; Wheeling, W. Va.; Cumberland, Md. (Feb. 24-28, 1909.)	To investigate the manufacture and test stamped envelope papers at the request of the Post-Office Department; to collect samples of paper and study the adulteration of turpentine.	46.43	Do.
Do.....	do.....	New York, N. Y. (May 27, 29, 1909.)	To conduct investigation regarding the adulteration of rosin and turpentine.	22.90	Do.
Walker, P. H.....	Chief of contracts laboratory.	Atlantic City, N. J. (Dec. 18-21, 1908.)	To attend a meeting of the committee of the American Society for Testing Materials, collaborating in developing methods of testing contract materials.	13.10	Do.
Do.....	do.....	Philadelphia, Pa.; Boston, Mass.; New York, N. Y. (Feb. 6-20, 1909.)	To investigate the equipment of certain laboratories; information gained to be used in connection with equipment of the laboratories of the Bureau of Chemistry.	39.00	Do.
Do.....	do.....	New York, N. Y. (May 24-25, 1909.)	To attend a meeting of the joint committee on unification of method of analysis of fats and oils.	16.80	Do.
Do.....	do.....	Atlantic City, N. J. (June 28-30, 1909.)	To attend a meeting of the American Society for Testing Materials.	17.70	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Walls, E. P.	Special agent.	Clemson College, S. C. (July 1–Aug. 4, 1908.)	To assist in the study of the effect of environment on sugar corn.	\$86.57	Farmers' Institutes, 1909.
Do.	do.	New Haven and Orange, Conn.; Bangor and Orano, Me. (Aug. 25–Sept. 30, 1908.)	do.	210.47	Do.
Do.	do.	Gainesville, Fla.; Clemson College, S. C. (May 23–June 30, 1909.)	To assist in conducting experiments to determine the influence of environment on sweet corn.	149.81	Do.
White, H. J.	do.	Clemson College, S. C. (July 15–Aug. 14, 1908.)	To assist in the study of the effect of environment on sugar corn.	61.54	Do.
Wiley, H. W.	Chief of the Bureau of Chemistry.	New Haven, Conn. (July 1–2, 1908.)	Work in connection with the enforcement of the food and drugs act.	13.66	Do.
Do.	do.	Buffalo, N. Y.; Detroit, Mich.; Mackinac, Mich. (July 29–Aug. 7, 1908.)	do.	89.47	Do.
Do.	do.	Points in Ohio. (Aug. 19–Sept. 3, 1908.)	do.	158.70	Do.
Do.	do.	New York, N. Y. (Oct. 29–Nov. 1, 1908.)	do.	27.74	Do.
Do.	do.	Louisville, Ky. (Feb. 1–6, 1909.)	do.	55.60	Do.
Do.	do.	Philadelphia, Pa.; New York, N. Y. (Feb. 9–11, Apr. 1–3, 1909.)	do.	56.06	Do.
Do.	do.	Points in England and France. (May 13–June 24, 1909.)	To attend a meeting of the Seventh International Congress of Applied Chemistry, held in London; and to confer with official food analysts and inspectors from various countries regarding the methods of investigating the character of chemical and physical tests which are applied to American food products in foreign countries.	453.64	Do.
Wilson, C. P.	Scientific assistant.	Cincinnati, Ohio. (July 1–Sept. 5, 1908.)	To assist in the work of analysis of samples in connection with the enforcement of the food and drugs act.	124.97	Do.

BUREAU OF SOILS.

Name	Position	Date	Description of Work	Amount	Remarks
Baumann, George W.	Clerk.	(Oct. 21, 1908.)	To make necessary changes in soil maps lithographed at that place.	\$3.00	Soil investigations, 1909.
Bell, James M.	Soil chemist.	Various points in the States of Louisiana, Texas, New Mexico, Arizona, and California. (May 10-June 30, 1909.)	To investigate the various types of alkali soils and of hardpan; to investigate physical hardpan and plow sole; to investigate the nature and extent of wind and water erosion of soils; and also the methods of amelioration of all the above conditions, and to examine the general physical and chemical soil conditions of the country traversed in connection with the above investigations.	378.65	Do.
Bonsteel, J. A.	Scientist in soil survey.	Olean, N. Y., and various other points in that State, and return. (July 20-Sept. 5, 1908.)	To inspect the reconnaissance soil-survey work in northwestern Pennsylvania, and to inspect the soil-survey work in Livingston, Montgomery, and other counties in New York State.	79.07	Do.
Do.	do.	Raleigh, N. C., and Danville, Va., and return. (Oct. 1-6, 1908.)	To inspect soil-survey work in Caswell County, N. C., and to confer with officials of the North Carolina department of agriculture in regard to additional work in North Carolina.	45.40	Do.
Do.	do.	Various points in the States of Georgia, Alabama, Mississippi, Florida, and return. (Apr. 18-May 6, 1909.)	To inspect soils in the vicinity of Savannah, Ga., and to inspect soil-survey work in the States named. Also to consult with the state officials in Alabama and Mississippi in regard to the conduct of cooperative soil-survey work.	147.18	Do.
Do.	do.	Columbia, Mo., and various other points in that State, and return. (May 31-June 12, 1909.)	To consult with state officials in regard to the inception and progress of cooperative soil-survey work in Missouri, and to inspect soil-survey work in the Ozark region.	134.24	Do.
Bowie, John R.	An expert.	Various points in the State of North Carolina and return. (July 2-9, 1908.)	To gather material relating to work of the field men of the bureau for publication, and to confer with them.	52.75	Do.
Do.	do.	Raleigh, N. C., and return. (July 17-18, 1908.)	To confer with state officials regarding the cooperative work carried on by the Bureau of Soils and the North Carolina state department of agriculture, and to arrange a satisfactory cooperative plan for the publication from time to time of advance information in regard to the work.	25.30	Do.
Do.	do.	Various points in the States of North Dakota, Washington, Oregon, and California and return. (Aug. 2-Sept. 2, 1908.)	To gather material from field parties regarding their work with a view to advance publication, and to confer with them regarding publicity of the results of future work.	396.25	Do.
Do.	do.	New York, N. Y., and return. (Sept. 7-8, 1908.)	To gather material for publication regarding the cooperative work in New York, and to confer with field men.	16.50	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF SOILS.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Rowie, John R.....	An expert	Cincinnati, Ohio, and return. (Sept. 18-24, 1908.)	To confer with field men with a view of giving advance information of their work to the public, and to gather general material for such publication.	\$60. 50	Soil investigations, 1909.
Do.....	do.....	Raleigh and Fayetteville, N. C., and return. (Oct. 1-4, 1908.)	To confer with the field parties at work in the State relative to the publication of advance notices of their work.	32. 15	Do.
Do.....	do.....	Various points in the States of North Carolina, Louisiana, Florida, Alabama and South Carolina and return. (Oct. 16-Nov. 11, 1908.)	To gather material concerning the work of field parties in the several States for publication, and to instruct them regarding the best form of publication for their various reports.	187. 51	Do.
Do.....	do.....	Baltimore, Md., and return. (Nov. 13, 1908.)	To gather material for publication from field men concerning their work in this State.	1. 60	Do.
Do.....	do.....	Raleigh and Fayetteville, N. C., and return. (Nov. 25-26, 1908.)	To confer with field men and State officials about further cooperative work in the State, and to gather material concerning such work for official publication.	27. 95	Do.
Do.....	do.....	New York, N. Y., and return. (Dec. 16, 1908.)	To gather material for publication concerning the work of the bureau in this State.	15. 50	Do.
Do.....	do.....	Mount Airy and Charlotte, N. C., and return. (Dec. 23-30, 1908.)	To join survey party on inspection trip in the State, and to obtain information for publication about the work in progress.	37. 46	Do.
Do.....	do.....	Augusta, Ga., and return. (Jan. 21-23, 1909.)	To gather information and to confer with field men concerning the work of the bureau.	41. 51	Do.
Do.....	do.....	New York and Philadelphia and return. (Feb. 18, 1909.)	To obtain from field men information for publication concerning the work of the bureau in the State of Pennsylvania.	16. 04	Do.
Do.....	do.....	Atlanta and Athens, Ga., and Raleigh, N. C., and return. (Mar. 1-6, 1909.)	To secure for publication information from different field men and state officials regarding the work of the bureau, and to confer with the North Carolina state officials upon the question of further cooperation.	55. 33	Do.
Do.....	do.....	Charlotte and Salisbury, N. C., and return. (Mar. 20-21, 1909.)	To obtain information from field men for official publication regarding their work in the State.	21. 21	Do.
Do.....	do.....	Richmond, Va., and return. (Mar. 19-20, 1909.)	To gather information for official use and for official publication regarding the work of the bureau in the State of Virginia.	12. 32	Do.

Do.....	do.....	Richmond, Va., and Raleigh, N. C., and return. (Apr. 9-14, 1909.)	To confer with field men and State officials regarding the work of the bureau and to gather information relating to current work for publication and other official use.	39. 54	Do.
Do.....	do.....	Raleigh, N. C., and return. (Apr. 20-22, 1909.)	To confer with field men and to secure from other sources information for publication concerning the work of the bureau in the State.	25. 40	Do.
Do.....	do.....	Richmond, Va., and return. (Apr. 24-27, 1909.)	To confer with state officials regarding the work of the bureau in the State, and to secure official information for publication about the work of the bureau.	23. 50	Do.
Do.....	do.....	Richmond, Va., and return. (May 8, 1909.)	To gather information for publication about the work of the bureau.	9. 90	Do.
Do.....	do.....	Richmond, Va., and return. (May 13-15, 1909.)	To confer with field men regarding the work of the bureau in Virginia and to secure data for official publication.	18. 70	Do.
Do.....	do.....	New York, N. Y., and return. (May 27, 1909.)	To gather information relative to the work of the bureau in New York and other Eastern States.	14. 80	Do.
Do.....	do.....	Raleigh, N. C., Richmond and Petersburg, Va., and return. (June 2-6, 1909.)	To gather information from field men and state officials regarding the work of the bureau for official use and publication.	34. 50	Do.
Cameron, Frank K.....	Soil chemist.....	New York, N. Y., and return. (Mar. 1-2, 1909.)	To attend a meeting of the Electrochemical Society and confer with members of that society on electrochemical methods used in soil investigations.	21. 10	Do.
Dorsey, C. W.....	Scientist.....	Various points in the States of California, Oregon, Washington, Montana, North Dakota, and return. (July 3-Sept. 8, 1908.)	To consult state officials in regard to cooperative soil survey work in Washington, and to inspect soil-survey work in the States named.	683. 65	Do.
Do.....	do.....	Various points in the States of Texas, New Mexico, California, Oregon, Washington, and return. (Mar. 20-May 18, 1909.)	To inspect soil-survey work in the States named.	596. 93	Do.
Free, Edward E.....	Soil chemist.....	Various points in the States of Louisiana, New Mexico, Arizona, and California. (May 10-June 30, 1909.)	To investigate the various types of alkali soils and of hardpan; to investigate physical hardpan and plow sole; to investigate the nature and extent of wind and water erosion of soils; and also the methods of amelioration of all the above conditions, and to examine the general physical and chemical soil conditions of the country traversed in connection with the above investigations.	456. 66	Do.
Gardner, Frank D.....	Scientist.....	Various points in the States of Missouri, Nebraska, North Dakota, and return. (July 30-Aug. 31, 1908.)	To inspect soil-survey work in the States named.	193. 05	Do.
McGee, W. J.....	An expert.....	Pittsburg, Pa., and return (2 trips). (Aug. 5-7, and Aug. 28-30, 1908.)	(1) Address at Kenneywood Park on soil erosion in relation to floods. (2) Conference on relation of soil erosion to floods and low waters.	56. 70	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF SOILS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
McGee, W J	An expert.....	Jersey City and Port Jervis, N. J., and return. (Sept. 11-18, 1908.)	Field studies on soil erosion and river sediment; address on relations of soils and forests to river improvement.	\$28.45	Soil investigations, 1909.
Do.....	do.....	Clinton, Iowa, and Albuquerque, N. Mex., and return. (Sept. 20-Oct. 12, 1908.)	(1) Address at Clinton on prevention of soil erosion in connection with river improvement. (2) Field studies about Albuquerque and address on functions of soil water in arid regions.	228.25	Do.
Do.....	do.....	Louisville, Ky., and return. (Oct. 21-24, 1908.)	Address on relations of soil erosion and deforestation to navigation.	57.45	Do.
Do.....	do.....	Atlanta and Columbus, Ga., and return. (Nov. 7-13, 1908.)	(1) Field studies on soil erosion and address at Columbus on relation of soils and forests to river improvement. (2) Conference with governor in Atlanta on prevention of soil erosion.	69.85	Do.
Do.....	do.....	Baltimore, Md., and return. (Nov. 18-19, 1908.)	Address on soil erosion as related to waterway improvement.	8.05	Do.
Do.....	do.....	New York, N. Y., and return. (Feb. 26-27, 1909.)	Conference on conservation of waters and forests.	19.10	Do.
Do.....	do.....	New York, N. Y., and return. (Feb. 12-14, 1909.)	Public address on soil water at American Museum of Natural History.	26.35	Do.
Do.....	do.....	New York, N. Y., and return. (Mar. 24-26, 1909.)	Public address at joint meeting of engineering societies on relations of soil erosion and deforestation to water supply.	23.95	Do.
Do.....	do.....	Boston, Mass., and New York, N. Y., and return. (Apr. 16-18, 1909.)	(1) Field study of water table in glacial soils. (2) Address on conservation of soil water at Boston. (3) Conference with secretary American Society Mechanical Engineers at New York on soil erosion in relation to industrial use of water.	39.01	Do.
Do.....	do.....	Various points in the States of Missouri, California, Nevada, Arizona, Utah, and Washington and return. (Apr. 29-June, 27, 1909.)	(1) Addresses at Del Monte and Sacramento, Cal., on soil water and its utilization. (2) Addresses on soil water and irrigation at Tucson, Ariz., and Spokane, Wash. (3) Field investigations of soil water in California, Nevada, Arizona, Utah, and Washington.	604.25	Do.
Patten, H. E.....	Soil chemist.....	Madison, Wis., and various other points in that State. (July 13-14, 1908.)	To study in cooperation with the Wisconsin Experiment Station the effect of heat absorption and radiation in soils as related to crop production.	36.90	Do.

Do.....	do.....	New York, N. Y., and return. (Oct. 29-31, 1908.)	To attend a meeting of the American Electrochemical Society in order to investigate the new forms of electrical instruments and apparatus used in the work of the bureau.	23. 20	Do.
Do.....	do.....	Buffalo and Niagara Falls, N. Y., and return. (Feb. 1-4, 1909.)	To attend conferences on soil investigations.	39. 50	Do.
Do.....	do.....	State College, Pa., and return. (May 6-8, 1909.)	To confer with the officers of the Pennsylvania State Experiment Station and the Pennsylvania College of Agriculture and Mechanic Arts regarding the relation of moisture contents to the physical properties of soils and other pertinent problems in the physics and chemistry of soils.	22. 01	Do.
Schreiner, Oswald.....	Scientist in soil fertility.....	Pittsburg, Pa., and Buffalo, N. Y., and return. (Mar. 30-Apr. 2, 1909.)	To attend conferences with officials connected with various laboratories in the cities named regarding fertility investigations and the apparatus and methods of research connected therewith.	45. 05	Do.
Shorey, E. C.....	Scientific assistant in chemistry.....	Philadelphia, Pa., and return. (May 24-25, 1909.)	For the purpose of joining Mr. H. J. Wilder, of this bureau, in investigating certain soil conditions on farms near Philadelphia.	10. 28	Do.
Whitney, Milton.....	Chief of bureau.....	Columbia, Mo., and return. (Jan. 6-11, 1909.)	To consult with the officials and directors of the College of Agriculture and Mechanic Arts of the University of Missouri and the state experiment station and other state officials regarding cooperative work to be carried on with this bureau and future soil surveys to be undertaken in that State.	70. 42	Do.

BUREAU OF ENTOMOLOGY.

Barber, H. S.....	Assistant.....	Melrose Highlands, Mass. (June 7-30, 1908.)	Rearing predaceous beetles.....	\$32. 83	Preventing spread of moths, 1908-9. Do.
Carnody, Mary.....	Entomological draftsman.....	Melrose Highlands, Mass. (June 2, 1908.)	Making drawings of parasitic insects.....	16. 10	
Howard, L. O.....	Chief of bureau.....	Seattle and Pullman, Wash.; points in California, Texas, and Louisiana. (Sept. 4-Oct. 3, 1908.)	Conferring with agent at Seattle, Wash., on results of trip to Japan to collect parasites of the gipsy moth; and with agent at Pullman, Wash., concerning investigation of insects affecting cereal and forage crops; investigating insects affecting citrus and deciduous fruits in the State of California, and conferring with state authorities and agents engaged in these investigations; and in the investigation of insects affecting southern field crops in Texas and Louisiana.	372. 69	Entomological investigations, 1909.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF ENTOMOLOGY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Howard, L. O.	Chief of bureau	Baltimore, Md. (Dec. 26, 1908-Jan. 2, 1909.)	Attending the meetings of the American Association for the Advancement of Science, the Association of Economic Entomologists and the Entomological Society of America.	\$38. 05	Entomological investigations, 1909.
Do.	do.	Boston, Mass., and points in Maine, New Hampshire, Vermont, Massachusetts, Connecticut, and Rhode Island. (Aug. 24-30, 1908.)	Inspecting work connected with prevention of spread of moths.	59. 95	Preventing spread of moths, 1908-9.
Do.	do.	Boston, Mass. (Dec. 6-8, 1908)	Conferring with federal and state officials regarding certain important phases of the investigation of the gipsy and brown-tail moths.	32. 60	Do.
Do.	do.	Boston, Mass. (Feb. 1-4, 1909).	do.	37. 75	Do.
Do.	do.	Boston, Mass. (Mar. 20-25, 1909).	Consulting European agents engaged in assisting in the importation of parasites of the gipsy moth and brown-tail moth; investigating the methods of rearing nursery stock for the American market and the facilities and methods of packing the same for shipment to this country; also the system of inspection in use in centers devoted to the American nursery stock trade.	49. 40	Do.
Do.	do.	Points in Europe. (Apr. 15-June 30, 1909.)	Clerical work in the field in connection with apicultural investigations.	943. 48	Do.
Marks, Jessie E.	Clerk.	College Park, Md. (July 1-Aug. 31, 1908.)	Inspecting large shipments of trees and nursery stock imported from Europe and suspected of carrying nests of the brown-tail moth and egg-masses of the gipsy moth.	9. 60	Entomological investigations, 1909.
Marlatt, C. L.	Assistant chief of bureau.	Philadelphia, Pa. (Mar. 1-2, 1909)...	Investigating parasitic insects.	12. 44	Preventing spread of moths, 1908-9.
Townsend, C. H. T.	Expert preparator.	Points in South Carolina, Georgia, and Florida. (Oct. 7-Dec. 6, 1908.)	do.	177. 51	Do.
Do.	do.	Melrose Highlands, Mass. (Jan. 16-17, 1909.)	do.	17. 75	Do.

BUREAU OF BIOLOGICAL SURVEY.

					\$725.55	Biological investigations, 1909.
Bailey, Vernon.....	Assistant in charge of geographic distribution.	Various points in New Mexico. (July 25-Nov. 16, 1908.)	Collecting data and specimens relating to geographic distribution of animals and plants, food habits of mammals and birds, and crop adaptations.	do.....	346.66	Do.
Birdseye, Clarence.....	Expert field naturalist.	Various points in Colorado, New Mexico, and Arizona. (July 7-Nov. 27, 1908.)	Collecting information regarding ducking grounds on Chesapeake Bay.	do.....	35.05	Do.
Brewster, Chas. E.....	Game-law expert.	Various points on Chesapeake Bay. (Oct. 30-Nov. 8, 1908.)	Investigating inspection service.	do.....	19.10	Do.
Do.....	do.....	Philadelphia, Pa. (Nov. 17-19, 1908.)	Collecting data and specimens relating to geographic distribution of animals and plants, food habits of mammals and birds, and crop adaptations.	do.....	252.81	Do.
Cary, Merritt.....	Assistant biologist.	Various points in Colorado and Wyoming. (May 1-June 30, 1909.)	Studying depredations of field mice, gophers, ground squirrels, and other rodents.	do.....	385.07	Do.
Fisher, A. K.....	Assistant in charge of economic investigations.	Various points in California, Nevada, and North Dakota. (July 19-Oct. 8, 1908.)	Representing Biological Survey at Sportsman's Association to assist in forming plans for abolition of spring shooting of waterfowl in New Jersey and for protection of hawks and owls.	do.....	20.50	Do.
Do.....	do.....	Trenton, N. J. (Nov. 5-8, 1908.)	do.....	do.....	16.50	Do.
Do.....	do.....	Newark, N. J. (Dec. 22-23, 1908.)	do.....	do.....	14.30	Do.
Do.....	do.....	Trenton, N. J. (Jan. 1909.)	Representing Biological Survey at annual meeting of American Ornithologists' Union.	do.....	25.30	Do.
Do.....	do.....	Boston, Mass. (Nov. 14-21, 1908.)	Collecting data and specimens relating to geographic distribution of animals and plants, food habits of mammals and birds, and crop adaptations.	do.....	860.86	Do.
Goldman, E. A.....	Field naturalist.	Various points in New Mexico. (July 8-Nov. 9, 1908; June 6-28, 1909.)	Representing Biological Survey at annual meeting of American Ornithologists' Union.	do.....	26.30	Do.
Henshaw, H. W.....	Administrative assistant.	Boston, Mass. (Nov. 14-21, 1908.)	Collecting data and specimens relating to geographic distribution of animals and plants, food habits of mammals and birds, and crop adaptations.	do.....	259.30	Do.
Hollister, N.....	Expert.	Various points in California. (Apr. 29-June 30, 1909.)	do.....	do.....	675.58	Do.
Howell, Arthur H.....	Assistant biologist.	Various points in Virginia, South Carolina, Kentucky, Mississippi, Tennessee, Alabama, Georgia, and Louisiana. (July 1-Nov. 26, 1908.)	Investigating muskrat industry.	do.....	327.70	Do.
Do.....	do.....	Various points in Missouri, Illinois, Indiana, and Kentucky. (Apr. 15-June 30, 1909.)	Investigating depredations of pine mice in orchards.	do.....	12.45	Do.
Lantz, D. E.....	do.....	Eastern Shore of Maryland. (Mar. 10-12, 1909.)	do.....	do.....	10.00	Do.
Do.....	do.....	Nelson County, Va. (May 16-20, 1909.)	do.....	do.....		

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF BIOLOGICAL SURVEY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pendse.	Appropriation.
McAtee, W. L.	Assistant biologist	Various points in Wisconsin, Michigan, Indiana, and Illinois. (Oct. 18–Nov. 20, 1908.)	Making critical study of food of wild ducks and other waterfowl.	\$117.20	Biological investigations, 1909.
Do.	do.	Winston-Salem, N. C. (Mar. 28–Apr. 5, 1909).	Investigating food of birds in relation to grain-destroying insects.	38.00	Do.
Merriman, C. Harl.	Chief of bureau	Flathead Valley, Mont. (Oct. 24–Nov. 7, 1908.)	Locating boundaries of Montana National Bison Range in cooperation with representatives of Interior Department.	294.65	Do.
Do.	do.	Boston, Mass. (Nov. 14–21, 1908)	Representing Biological Survey at annual meeting of American Ornithologists' Union.	34.05	Do.
Do.	do.	Baltimore, Md. (Dec. 28, 1908–Jan. 2, 1909.)	Representing Biological Survey at annual meeting of American Association for Advancement of Science.	27.10	Do.
Do.	do.	New York City. (Jan. 26–27, 1909)	Examining specimens in American Museum of Natural History in connection with work on distribution of animals and plants.	19.70	Do.
Nelson, E. W.	Chief field naturalist.	Boston, Mass. (Nov. 14–21, 1908).	Representing Biological Survey at annual meeting of American Ornithologists' Union.	24.55	Do.
Oldys, Henry.	Assistant biologist.	Various points in Illinois, Ohio, New York, and New Jersey. (July 17–29, 1908.)	Collecting data on pheasant breeding.	99.96	Do.
Osgood, W. H.	do.	Various points in Utah. (July 31–Nov. 16, 1908.)	Collecting data and specimens relating to geographic distribution of animals and plants, food habits of mammals and birds, and crop adaptations in Utah.	543.99	Do.
Palmer, T. S.	Assistant in charge of game preservation.	Hanover, N. H. (July 1–3, 1908).	Representing Biological Survey at annual meeting of American Association for Advancement of Science, and to deliver address on preservation of bison.	24.65	Do.
Do.	do.	New York City. (Jan. 14–15, 1909)	Representing Biological Survey at meetings, and to investigate inspection service in New York City.	18.80	Do.
Do.	do.	New York City. (Apr., 1909).	To confer with game commissioners of Indiana, Illinois, and Wisconsin in relation to various matters of game protection, and to attend hearing on spring shooting of waterfowl at Madison.	12.00	Do.
Do.	do.	Madison, Wis. (Mar. 23–31, 1909).		81.64	Do.

Do.....	do.....	New York City. (Oct. 27-29, 1908).....	Representing Biological Survey at meetings, and examining the inspection service at New York.	16.30	Do.
Do.....	do.....	Syracuse, N. Y. (Dec. 9-11, 1908).....	Representing Biological Survey at annual meeting of Forest, Fish, and Game League of New York.	11.40	Do.
Do.....	do.....	Albany, N. Y. (Mar. 16-17, 1909).....	Attending hearing on regulation of sale of imported plumage.	22.95	Do.
Piper, S. E.....	Scientific assistant.....	Various points in Washington, Nevada, and California. (Jan. 20-June 30, 1909.)	Investigating damages to crops by ground squirrels, rabbits, and other mammals, and experimenting with methods of destruction.	589.04	Do.

DIVISION OF ACCOUNTS AND DISBURSEMENTS.

Calvert, Edgar B.....	Assistant chief, Division of Accounts.....	Baltimore, Md. (July 13, 1908.) New Orleans, La.; Abilene, Tex.; Fort Worth, Tex.; Denver, Colo.; Dodge, Topeka, Kans.; Colorado Springs, Colo.; St. Joseph, Mo.; and Chicago, Ill. (July 24-Aug. 8, 1908.)	Consultation with heating engineer at Baltimore, selection of sites for Weather Bureau observatory buildings, and the examination of account records.	\$204.49	General expenses, Weather Bureau, 1909.
Do.....	do.....	Nantucket, Boston, Mass.; Northfield, Burlington, Vt.; Lansing, Grand Rapids, Mich.; and Ft. Wayne, Ind. (Sept. 17-30, 1908.)	Selection of sites for Weather Bureau observatory buildings and examination of account records.	124.96	Do.
Do.....	do.....	Canton, N. Y. (Jan. 5-8, 1909).....	Selection of site for Weather Bureau observatory building.	46.85	Do.
Do.....	do.....	Chicago, Ill., and St. Joseph, Mo. (June 10-19, 1909.)	Inspection of building materials and arranging details for construction of building.	30.85	Do.
Do.....	do.....	Mt. Weather, Va. (July 16, Oct. 23, Nov. 11, Dec. 10, 1908; Feb. 9, Mar. 2, May 4 and 5, 1909.)	Arranging details for construction and repair of buildings.	27.95	Do.
Do.....	do.....	Richmond, Va. (Nov. 17, 20, 1908; Mar. 24 and 25, Apr. 8, 26, May 6 and 7, 1909.)	Selection of site for Weather Bureau observatory building and arranging details of construction work.	61.40	Do.

DIVISION OF PUBLICATIONS.

Boettcher, Andrew.....	Draftsman.....	St. Paul and Minneapolis, Minn. (July 1-Aug. 9, 1908.)	Assisting Assistant Secretary of Agriculture in making drawings for bulletin of cooperative work in Minnesota.	\$92.61	Contingent expenses, Department of Agriculture, 1909.
Cline, W. S.....	Photographer.....	Chicago, Ill. (Jan. 24-Feb. 1, 1909).....	Taking photographs illustrating work of Bureau of Animal Industry.	86.97	Meat inspection, B. A. I., 1909.
Williams, L. S.....	Assistant in charge of illustrations.....	Rochester, N. Y. (Dec. 8-13, 1908).....	Investigating photographic processes.....	35.50	Irrigation investigations, 1909.
Do.....	do.....	Plains, Va. (June 22, 1909).....	Taking photographs for office exhibit at Alaska-Yukon-Pacific Exposition.	3.80	Public road inquiries, 1909.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

BUREAU OF STATISTICS.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Andrews, Frank.....	Clerk, class 4.....	Buffalo, N. Y.; Chicago, Ill.; Kansas City, Mo.; Omaha, Neb.; St. Louis, Mo.; New York, N. Y.; Baltimore, Md. (Sept. 21-Oct. 6, 1908.)	Gathering information in relation to cost and business methods in the transportation of meat animals and fresh meat.	\$116.75	Collecting agricultural statistics, 1909.
Do.....	do.....	Cleveland and Toledo, Ohio; Detroit, Mich.; Chicago, Ill.; Milwaukee, Wis.; Minneapolis and Duluth, Minn.; Buffalo, Oswego, Syracuse, and Schenectady, N. Y. (May 24-June 26, 1909.)	Gathering information relative to the handling, transportation, and marketing of farm products in the Great Lakes regions.	174.23	Do.
Clark, C. C.....	Associate statistician.....	Florence, S. C.; Atlanta, Ga.; Auburn, Ala.; Carrollton, Miss.; Lenoire, Ark.; Kansas City, Mo.; Guthrie, Okla.; Austin and Houston, Tex. (Jan. 31-Feb. 20, 1909.)	Inspection of the work and office records of and giving instructions to state statistical agents and special field agents.	226.16	Do.
Holmes, George K.....	Statistical scientist.....	Atlantic City, N. J. (Dec. 26, 1908-Jan. 2, 1909.)	Attendance at annual meeting of the American Economic Association.	33.68	Do.
Jones, S. A.....	Chief clerk.....	Charleston, W. Va.; Columbus, Ind.; Des Moines, Iowa; Decatur, Ill.; Carson City, Mich.; Columbus, Ohio; Mountain Lake Park, Md. (Sept. 8-28, 1908.)	Inspection of the work and office methods of and giving instructions to state statistical agents.	110.25	Do.
Murray, Nat. C.....	Assistant statistician.....	Lexington, Ky. (Aug. 1-6, 1908).....	Giving instructions to new state statistical agent.	46.26	Do.
LIBRARY.					
Hawks, Emma B.....	Assistant librarian.....	Bretton Woods, N. H. (June 28-30, 1909.)	Representing the library of the Department of Agriculture at the meeting of the American Library Association.	\$17.84	Library, Department of Agriculture, 1909.

OFFICE OF EXPERIMENT STATIONS.

Allen, E. W.	Assistant director	Agricultural experiment station, Ithaca and New York City, N. Y. (July 21-25, 1908.)	Address Graduate School of Agriculture and conference with director of the office.	\$41. 35	Agricultural experiment stations, 1909.
Do.	do.	Agricultural experiment stations in Vermont, Massachusetts and Connecticut. (Aug. 4-Sept. 9, 1908.)	Inspection of state experiment stations under act of Mar. 2, 1887, and amendatory acts.	112. 77	Do.
Do.	do.	Agricultural experiment stations in Virginia, Georgia, Louisiana, Tennessee, Kentucky, Texas, Arizona, California, Oregon, Washington, Montana, Nebraska, Illinois, New York, and Massachusetts. (Nov. 9-Dec. 27, 1908.)	Inspection of state experiment stations under act of Mar. 2, 1887, and amendatory acts, and conferences with officials of agricultural colleges and experiment stations in relation to their work and conditions.	482. 03	Do.
Do.	do.	Agricultural experiment stations at Mayaguez, P. R.; Santiago de las Vegas, Cuba; Florida, Georgia, Alabama, Mississippi, and Louisiana. (Feb. 19-Apr. 23, 1909.)	Inspection of insular and state experiment stations under act of Mar. 2, 1887, and amendatory acts.	382. 17	Do.
Beal, W. H.	Chief of division	Agricultural experiment station, Orofino, Me. (Aug. 15-26, 1908.)	Inspection of state experiment station under act of Mar. 2, 1887, and amendatory acts.	40. 37	Do.
Do.	do.	Agricultural experiment stations in Nebraska, Wyoming, Wisconsin, and Minnesota. (Oct. 3-20, 1908.)	do.	173. 80	Do.
Do.	do.	Baltimore, Md. (Dec. 31, 1908.)	Attend meetings of the Association for the Advancement of Science.	2. 00	Do.
Do.	do.	Agricultural experiment station, Morgantown, W. Va. (June 15-18, 1909.)	Inspection of state experiment station under act of Mar. 2, 1887, and amendatory acts.	29. 93	Do.
Crosby, D. J.	Assistant	Various points in Connecticut, Ohio, and Tennessee. (July 1-17, 1908.)	Addresses in interest of agricultural education and visiting agricultural schools.	92. 56	Farmers' Institutes, 1909.
Do.	do.	Various points in Pennsylvania, New York, and Massachusetts. (July 22-Aug. 19, 1908.)	do.	77. 29	Do.
Do.	do.	Boston and Petersham, Mass. (Sept. 8-11, 1908.)	do.	36. 89	Do.
Do.	do.	New York City and Yonkers, N. Y., and New Haven, Conn. (Oct. 13-16, 1908.)	Investigation of school gardens, and conferences in relation to early history of agricultural education.	33. 55	Do.
Do.	do.	Baltimore, Md. (Dec. 29-30, 1908.)	Address on agricultural education before the convention of American Nature Study Society.	4. 33	Do.
Do.	do.	Wilmington, Del. (Jan. 13-14, 1909.)	Address on agricultural education before the Peninsula Agricultural Society.	9. 36	Do.
Do.	do.	Savannah, Ga.; Talladega, Ala. (Feb. 24-Mar. 1, 1909.)	Addresses in interest of agricultural education and visiting agricultural schools.	74. 10	Do.
Do.	do.	Providence, R. I. (Mar. 8-10, 1909.)	Address in interest of agricultural education.	30. 30	Do.
Do.	do.	Baltimore, Md. (Mar. 11, 1909.)	Conference with state officials in relation to introduction of agriculture in schools.	2. 27	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Crosby, D. J.	Assistant	Baltimore and Ellicott City, Md. (Mar. 13, 1909.)	Conference with state officials in relation to introduction of agriculture in schools.	\$2.37	Farmers' institutes, 1909.
Do.	do.	Baltimore, Md. (Mar. 18, 1909.)	do.	2.27	Do.
Do.	do.	Various points in North Carolina, Georgia, and Alabama. (Mar. 29-Apr. 17, 1909.)	Addresses in interest of agricultural education and visiting agricultural schools.	140.19	Do.
Do.	do.	Various points in Minnesota, Montana, North Dakota, South Dakota, and Ohio. (May 24-June 20, 1909.)	Addresses in interest of agricultural education and visiting agricultural schools; conference with director of the office.	289.28	Do.
Elliott, C. G.	Chief of drainage investigations.	Various points in England, Scotland, Germany, Holland, Italy, and France, and return to the United States. (July 1-Sept. 8, 1908.)	Investigation of methods of agricultural drainage in European countries.	328.74	Irrigation investigations, 1909.
Do.	do.	Gainesville, Athens, and Commerce, Ga. (Nov. 2-8, 1908.)	Investigation of drainage projects.	54.63	Do.
Do.	do.	Various points in Washington. (Nov. 18-Dec. 3, 1908.)	General supervision and planning of drainage work and conference with officials of Reclamation Service in relation to plans for Wapato irrigation project in Yakima River Valley.	206.83	Do.
Do.	do.	Summerville, S. C. (Jan. 4-8, 1909.)	Inspection of drainage projects and address on subject of drainage investigation.	43.35	Do.
Do.	do.	Various points in North Carolina and South Carolina. (Jan. 18-21, 1909.)	General supervision and planning of drainage work.	34.45	Do.
Do.	do.	Charleston, S. C., and New York City, N. Y. (Feb. 5-8, 1909.)	do.	52.65	Do.
Do.	do.	Tallulah, La. (Mar. 9-17, 1909.)	General supervision and planning of drainage work and addresses on the subject of drainage organizations.	95.75	Do.
Do.	do.	Various points in Delaware. (May 14-16, 1909.)	General supervision and planning of drainage investigations.	12.19	Do.
Do.	do.	Various points in North Carolina. (May 24-27, 1909.)	do.	23.80	Do.
Do.	do.	Corinth, Miss. (June 24-30, 1909.)	Establish an agricultural experiment station on the Island of Guam.	31.15	Do.
Evans, W. H.	Chief of division.	Island of Guam. (July 1-Sept. 3, 1908.)	Inspection of state experiment stations under act of Mar. 2, 1887, and amendatory acts.	387.70	Agricultural experiment stations, Guam, 1909.
Do.	do.	Agricultural experiment stations in Oregon, Washington, Montana, North Dakota, South Dakota, and Idaho. (Sept. 4-29, 1908.)		223.42	Agricultural experiment stations, 1909.

Do.....do.....	do.....do.....	Agricultural experiment stations in Arizona, New Mexico, Texas, Oklahoma, Kentucky, Indiana, Illinois, and Michigan. (May 16-June 24, 1909.)	338.06	Do.
Fortier, Samuel	Chief of irrigation investigations.	Philadelphia, Pa., and Galena, Md. (Apr. 12-14, 1909.)	12.49	Irrigation investigations, 1909.
Do.....	do.....	Various points in Louisiana, Arizona, Texas, New Mexico, and Illinois. (May 20-June 5, 1909.)	256.00	Do.
Griffin, G. A.	Scientific assistant in rural engineering.	Frankford, Del. (July 1-31, 1908.)	131.17	Do.
Do.....	do.....	Various points in vicinity of Berlin, Md. (Aug. 1-22, 1908.)	190.99	Do.
Do.....	do.....	Various points in vicinity of Lincoln, N. C. (Mar. 28-31, 1909.)	38.60	Do.
Hamilton, John	Farmers' institute specialist.	Ithaca and Geneva, N. Y. (July 13-20, 1908.)	37.22	Farmers' institutes, 1909.
Do.....	do.....	Chicago, Ill.; Lincoln, Neb., and Harrisburg, Pa. (Jan. 19-28, 1909.)	104.90	Do.
Do.....	do.....	Various points in North Carolina, South Carolina, Georgia, Alabama, Louisiana, and Mississippi. (Feb. 11-Mar. 1, 1909.)	144.66	Do.
Hanna, Jane	Clerk.	Grand Junction, Colo. (June 4-5, 14-19, 1909.)	85.40	Irrigation investigations, 1909.
Hooker, W. A.	Editor.	Baltimore, Md. (Dec. 28-30, 1908.)	2.00	Agricultural experiment stations, 1909.
Howe, F. W.	Assistant in agricultural education.	Manassas, Va. (Mar. 9-10, 1909.)	3.00	Farmers' institutes, 1909.
Do.....	do.....	Various points in Michigan and Pennsylvania. (Apr. 16-27, 1909.)	69.61	Do.
Do.....	do.....	Various points in Louisiana and Tennessee. (June 19-30, 1909.)	101.45	Do.
Knight, H. L.	Scientific assistant.	Ithaca and Geneva, N. Y. (July 23-Aug. 2, 1908.)	35.35	Agricultural experiment stations.
Langworthy, C. F.	Nutrition expert.	Ithaca and Chautauqua, N. Y. (July 4-30, 1908.)	70.16	Do.
Do.....	do.....	New York City, N. Y. (Oct. 23-25, 1908.)	10.00	Do.
Do.....	do.....	Buffalo, N. Y. (June 15-18, 1909.)	34.43	Do.
Do.....	do.....	Philadelphia, Pa., and New York City, N. Y. (Apr. 22-27, 1909.)	33.00	Farmers' institutes, 1909.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Langworthy, C. F.	Nutrition expert.	New York City, N. Y. (Oct. 23-25, 1908.)	Consultation with cooperators at Columbia University in relation to nutrition investigations.	\$9.10	Nutrition investigations, 1909.
Do.	do.	New York City, N. Y. (Nov. 13-15, 1908.)	do.	20.45	Do.
Do.	do.	New York City, N. Y. (Feb. 19-22, 1909.)	do.	28.15	Do.
Do.	do.	Baltimore, Md. (Mar. 27, 1909.)	do.	3.20	Do.
McEathron, W. J.	Supervising drainage engineer.	Various points in Nebraska, South Dakota, and Iowa. (July 7-31, 1908.)	Conference with author in relation to preparation of farmers' bulletin.	53.25	Irrigation investigations, 1909.
Do.	do.	Various points in Nebraska, Illinois, Iowa, and South Dakota. (Aug. 3-31, 1908.)	Supervision of drainage projects and examination of saturated land in Iowa.	100.28	Do.
Do.	do.	Various points in Iowa and South Dakota. (Sept. 4-23, 1908.)	Supervision of drainage projects and examination of proposed drainage work in Iowa and South Dakota.	88.75	Do.
Do.	do.	Richmond, Va. (Oct. 1-4, 1908.)	Examination of conditions along Little Roanoke River with view to preparing plans for drainage.	19.40	Do.
Do.	do.	Knox, Ind., and Dixon, Ill. (Nov. 22-Dec. 3, 1908.)	Examination of conditions on Yellow River and Inlet Swamp with view to preparing plans for drainage.	96.28	Do.
Do.	do.	Dixon, Ill. (Dec. 3-7, 1908.)	do.	11.94	Do.
Do.	do.	Various points in Illinois, Nebraska, Iowa, and Missouri. (Dec. 23-31, 1908.)	Supervision of drainage projects and examination of conditions along Salt Creek, Nebraska, with a view to preparing plans for drainage.	42.65	Do.
Do.	do.	Various points in Oklahoma. (Jan. 1-25, 1909.)	Supervision of drainage projects and conference with state officials and landowners in relation to general drainage problems.	112.93	Do.
Do.	do.	Various points in Oklahoma and Mississippi. (Feb. 1-16, 1909.)	Supervision of drainage projects; addresses before landowners and conferences with engineers in relation to reclamation of overflowed lands; investigation of proposed new outlet on Beach Creek and examination of conditions on Tuscumbia River.	110.10	Do.

Do.....	do.....	Princess Anne, Md.; Fremont and Omaha, Nebr. (Mar. 22-31, 1909.)	Addresses before meetings of local drainage associations; consultation with Elkhorn River, Fremont, and Elkhorn Valley drainage district commissioners.	73.66	Do.
Do.....	do.....	Various points in Nebraska, Iowa, and Mississippi. (Apr. 1-28, 1909.)	Examination of Elkhorn River drainage project, Des Moines and Mississippi levee districts, inauguration of Salt Creek drainage survey, and supervision of Tus-cumbia River work.	81.07	Do.
Do.....	do.....	Various points in Mississippi, Oklahoma, Tennessee, and Nebraska. (May 1-31, 1909.)	Supervision of drainage projects in Mississippi, Oklahoma, and Nebraska; conference with Elkhorn Valley drainage district commissioners and engineers and examination of proposed work.	93.26	Do.
Do.....	do.....	Various points in Nebraska, Oklahoma, and Missouri. (June 1-26, 1909.)	Supervision of drainage projects in Nebraska and Oklahoma and address before the farmers' drainage meeting, Central City, Nebr.	89.75	Do.
Milner, R. D.....	Assistant.....	Boston, Mass. (Sept. 8-20, 1908).....	Consultation with experts regarding reconstruction of respiration calorimeter.	61.58	Nutrition investigations, 1909.
Do.....	do.....	Philadelphia, Pa. (Feb. 19-20, 1909)...	To arrange for construction of special electrical devices for respiration calorimeter.	9.35	Do.
Do.....	do.....	Boston, Mass. (Dec. 15-20, 1908).....	To secure scientific data for use in reconstruction of respiration calorimeter.	13.05	Do.
Morgan, A. E.....	Supervising drainage engineer.....	Various points in Arkansas. (July 1-13, 1908.)	Examination of proposed drainage work; conferences with local drainage officials and assistance in preparation of plans for drainage.	49.87	Do.
Do.....	do.....	Xenia, Ill., and St. Cloud, Minn. (Aug. 3-7, 1908.)	Inspection of drainage work in progress.....	54.00	Do.
Do.....	do.....	Various points in Minnesota and Arkansas. (Oct. 9-31, 1908.)	Examination of turf land in Minnesota and supervision of St. Francis drainage project.	64.97	Do.
Do.....	do.....	Various points in Arkansas. (Nov. 1-30, 1908.)	Supervision of St. Francis drainage project....	95.11	Do.
Do.....	do.....	Various points in Arkansas and Tennessee. (Dec. 1-31, 1908.)	Supervision of St. Francis drainage project and examination of proposed drainage in Jefferson County.	128.49	Do.
Do.....	do.....	Various points in Arkansas and Tennessee. (Jan. 1-31, 1909.)	Supervision of St. Francis drainage project and conferences with local land-owners and engineers in relation to proposed drainage work.	165.41	Do.
Do.....	do.....	Various points in Arkansas, Tennessee, and Missouri. (Feb. 1-28, 1909.)	Supervision of St. Francis drainage project; conference with Missouri River Commission; examination of proposed levee district at Newport and collection of data relating to St. Francis basin.	169.67	Do.
Do.....	do.....	Various points in Arkansas. (Mar. 1-10, 1909.)	Supervision of St. Francis drainage project....	141.40	Do.
Do.....	do.....	Cape Girardeau, Mo. (Mar. 20-28, 1909.)	Investigation of drainage conditions.....	32.53	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Morgan, A. E.	Supervising drainage engineer.	Various points in Tennessee, Arkansas, Missouri, and Ohio. (Apr. 1-12, 1909.)	Assisting in plans for proposed drainage district, examination of St. Francis watershed, and supervision of projects.	\$102.66	Nutrition investigations, 1909.
Do.	do.	Creswell, N. C. (June 20-30, 1909)....	Supervision of Lake Phelps drainage project.	30.05	Do.
Morman, J. B.	Editorial assistant.	Atlantic City, N. J. (Dec. 28-31, 1908)....	Address before the agricultural division of the American Economic Association.	8.25	Agricultural experiment stations, 1909.
Morse, E. W.	do.	Baltimore, Md. (Dec. 28-30, 1908)....	Attend meetings of American Association for the Advancement of Science.	2.00	Do.
Sampson, H. O.	Scientific assistant.	Various points in Ohio, and Cape May, N. J. (July 1-31, 1908.)	Addresses in interest of agricultural education and instruction in agriculture at Cape May Summer School.	75.42	Farmers' institutes, 1909.
Teele, R. P.	Editorial assistant.	Ithaca, N. Y. (July 25-29, 1908)....	Addresses before Graduate School of Agriculture.	23.40	Irrigation investigations, 1909.
Do.	do.	Salem, Mount Vernon, and Champaign, Ill. (Dec. 26-30, 1908.)	Examination of proposed irrigation projects and conference with state irrigation officials.	63.97	Do.
Do.	do.	Lansing, Mich. (Mar. 7-11, 1909)....	Address on irrigation work before Forestry Association of Michigan Agricultural College.	47.75	Do.
True, A. C.	Director.	Ithaca and Albany, N. Y. (Aug. 1-3, 1908.)	Conference with state commissioners of agriculture and education regarding plans for agricultural schools.	14.34	Agricultural experiment stations, 1909.
Do.	do.	Agricultural experiment stations in Michigan, Ohio, Indiana, Illinois, Iowa, and West Virginia. (Sept. 8-Oct. 1, 1908.)	Inspection of state experiment stations under act of March 2, 1887, and amendatory acts.	150.20	Do.
Do.	do.	Lexington, Ky., and Columbus, Ohio. (Oct. 17-22, 1908.)	do.	56.29	Do.
Do.	do.	Newark, Del. (Nov. 1-2, 1908)....	Inspection of state experiment station under act of Mar. 2, 1887, and amendatory acts.	7.59	Do.
Do.	do.	New Brunswick, N. J., and New York City, N. Y. (Nov. 10-13, 1908.)	do.	24.02	Do.
Do.	do.	Baltimore, Md. (Dec. 31, 1908)....	Attend American Association for Advancement of Science.	1.95	Do.
Do.	do.	Charleston and Orangeburg, S. C. and Raleigh, N. C. (Mar. 17-30, 1909.)	Inspection of state experiment stations under act of Mar. 2, 1887, and amendatory acts.	55.15	Do.
Do.	do.	Atlanta, Ga. (Apr. 11-17, 1909)....	Inspection of Georgia experiment station and conference on agricultural schools in the South.	65.81	Do.

Do.....	do.....	Agricultural experiment stations in Virginia, Tennessee, Arkansas, Missouri, and Kansas. (May 3-22, 1909.)	Inspection of state experiment stations under act of Mar. 2, 1887, and amendatory acts.	150.43	Do.
Do.....	do.....	Ames, Iowa, Columbus, Ohio, and Chicago, Ill. (June 18-26, 1909.)	Inspection of state experiment stations under act of Mar. 2, 1887, and amendatory acts, and conferences on agricultural education.	86.53	Do.
Williams, M. B.....	Office engineer.....	Ames, Iowa, and various points in North Carolina and Florida. (Oct. 7-31, 1908.)	Planning and supervising experiments in irrigation throughout the humid part of the United States in cooperation with local interests and collection of required information in relation to actual conditions in such sections.	174.95	Irrigation investigations, 1909.
Do.....	do.....	Various points in North Carolina, South Carolina, Georgia, Alabama, and Florida. (Nov. 7-28, 1908.)	do.....	117.90	Do.
Do.....	do.....	Various points in North Carolina, Georgia, and Florida. (Dec. 1-31, 1908.)	do.....	93.30	Do.
Do.....	do.....	Various points in Florida. (Jan. 1-31, 1909.)	do.....	97.85	Do.
Do.....	do.....	Various points in Florida. (Feb. 1-28, 1909.)	do.....	104.95	Do.
Do.....	do.....	Various points in Florida. (Mar. 1-24, 1909.)	do.....	107.14	Do.
Do.....	do.....	Various points in Florida, Georgia, and North Carolina. (Apr. 18-26, 1909.)	do.....	156.31	Do.
Do.....	do.....	Various points in Delaware, Pennsylvania, New Jersey, Maryland, Florida, Illinois, and Iowa. (May 1-31, 1909.)	do.....	168.65	Do.
Woodward, S. M.....	Supervising drainage engineer.....	Ithaca, N. Y. (July 28-Aug. 1, 1908) ..	Address on general drainage investigations before Graduate School of Agriculture.	25.40	Do.
Wright, J. O.....	do.....	Osceola, Ark. (July 1-4, 1908)	Address before drainage association.	40.80	Do.
Do.....	do.....	Various points in North Carolina. (Aug. 1-16, 1908.)	Addresses before and conferences with eastern North Carolina landowners on drainage projects.	74.75	Do.
Do.....	do.....	Various points in North Carolina. (Sept. 7-Oct. 3, 1908.)	Addresses at farmers' meetings in the First and Sixth Congressional districts of North Carolina on general drainage problems.	99.60	Do.
Do.....	do.....	Various points in North Carolina. (Nov. 17-26, 1908.)	Inspection of submerged lands in Hyde County, N. C., and examination of proposed drainage districts at Moyock and plans for a preliminary drainage survey.	61.55	Do.
Do.....	do.....	Various points in North Carolina. (Dec. 16-20, 1908.)	Inspection of drainage work in North Carolina.	26.85	Do.
Do.....	do.....	Georgetown, Del. (Dec. 28-31, 1908.)	Address before landowners on general drainage problems and local conditions.	18.36	Do.
Do.....	do.....	Various points in North Carolina. (Jan. 24-31, 1909.)	Conference with landowners in relation to general drainage work.	45.00	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Wright, J. O.	Supervising drainage en- gineer.	Raleigh, N. C. (Feb. 22-25, 1909).....	Address before committee on education and members of legislature in explanation of drainage requirements in Hyde County.	\$26.75	Irrigation investigations, 1909.
Do.	do.	Various points in North Carolina. (Mar. 8-11, 1909.)	Assisting in organization of drainage districts at Moyock and in Hyde County, N. C.	67.15	Do.
Do.	do.	Various points in North Carolina. (Apr. 13-16, 1909.)	Preliminary examination of Lake Phelps territory and conference with landowners as to best plans for organizing drainage districts.		
Do.	do.	Various points in North Carolina. (Apr. 13-16, 1909.)	Inspection of site for levee required by drainage project on Cape Fear River and planning drainage survey for location and determination of cost and benefit.	38.10	Do.
Do.	do.	Various points in North Carolina. (May 3-12, 24-29, 1909.)	Examination of Cape Fear drainage project and address before local landowners on drainage conditions.	80.50	Do.
Do.	do.	Various points in Ohio, Missouri, Kansas, Arkansas, Tennessee, and Alabama. (June 1-25, 1909.)	Inspection of proposed drainage projects.	203.48	Do.

OFFICE OF PUBLIC ROADS.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Adler, Julius.	Civil engineer student.	Tryon, N. C.; Cumberland Gap, Tenn.; Emporia, Va. (July 18-Sept. 13, 1908.)	Assisting road expert in object-lesson road work macadam at Tryon and Cumberland Gap; sand clay at Emporia, Va.	\$110.01	Public road inquiries, 1909.
Anderson, Andrew P.	Junior assistant engineer	Huntington, W. Va.; Kenbridge, Va. (July 1-26, 1908.)	Assisting in building object-lesson road, macadam, at Huntington; lecture on road construction at Kenbridge.	40.60	Do.
Do.	do.	Ames, Iowa; Canton, S. Dak.; Fargo, N. Dak.; Bozeman, Butte, Mont.; Pullman, Wash.; Moscow, Lewiston, Idaho; Kennewick, Sprague, Wash. (Sept. 3-Dec. 12, 1908.)	Inspection rural-delivery roads at Canton; cooperative work with experiment stations, Ames, Fargo, Bozeman, Butte, Pullman, Moscow, Lewiston, Kennewick, and Sprague.	213.38	Do.
Barrows, Lucius D.	do.	Seneca, Md. (July 6-7, 1908.)	Investigating road materials.	1.75	Do.
Do.	do.	Emporia, Va. (July 26-Oct. 20, 1908.)	Assisting in building object-lesson road of sand clay.	39.45	Do.

Do.	do.	Watonga, Fairview, Geary, Okla. (Oct. 24, 1908-June 30, 1909.)	Assisting in building earth, sand-clay, and macadam roads at Watonga, sand clay at Geary; lecture at Fairview on drainage and sand clay; special advice at Watonga.	141.85	Do.
Boykin, L. E.	Expert.	Manassas, Va. (Apr. 13, 1909).	Lecture on road economics and administration.	1.90	Do.
Do.	do.	Lenoir City, Unifita, Greenback, and Philadelphia, Tenn. (Apr. 19-25, 1909.)	Illustrated lectures on road economics, administration, and maintenance.	44.60	Do.
Do.	do.	Morristown, Lawrence's Mill, and Lowland, Tenn. (June 21-24, 1909.)	Illustrated lectures as above.	46.35	Do.
Carmick, Louis G.	Scientific assistant qualified in road building.	Cleveland, Ohio. (July 23-31, 1908).	Conducting experiments in connection with investigation of corrosion of iron and steel.	55.70	Do.
Do.	do.	Worcester, Mass. (Aug. 17-22, 1908).	do.	41.60	Do.
Do.	do.	Pittsburg, Pa. (Sept. 21-27, 1908).	do.	43.70	Do.
Crandall, Roy	Expert.	New York, N. Y. (May 17-21, 1909).	Assisting in investigation of dust preventives (effects of automobiles).	43.85	Do.
Cushman, A. S.	Assistant director.	Boston, Mass.; Atlantic City, N. J. (Sept. 20-Oct. 1, 1908.)	Inspection of dust preventives in Boston; good-roads lecture before Associated Automobile Clubs of New Jersey at Atlantic City.	65.90	Do.
Do.	do.	New York City. (Oct. 29-Nov. 4, 1908.)	Lecture before Electro-Chemical Society on corrosion of iron, and attendance at their meeting.	28.45	Do.
Do.	do.	Pittsburg, Pa. (Nov. 16-18, 1908).	Lecture before American Civic Society on dust nuisance.	40.75	Do.
Do.	do.	Philadelphia, Pa.; Atlantic City, N. J. (Dec. 18-19, 1908.)	Lecture, "Modern road-building problems," at University of Pennsylvania; inspection of steel-test fences, Atlantic City.	24.10	Do.
Do.	do.	Syracuse, N. Y.; Canton, Middletown, Ohio; Fort Wayne, Ind. (Feb. 17-Mar. 2, 1909.)	Syracuse, 2 lectures, "Modern road problems," "Corrosion and preservation of iron and steel." Inspecting steel mills, Canton and Middletown. Four lectures on road problems, Allen County Farmers' Institute.	102.80	Do.
Do.	do.	Hartford, Conn.; Boston and Worcester, Mass. (Mar. 12-25, 1909.)	Lecture at Hartford on "Road improvement." Three lectures at Boston on modern road problems before Massachusetts Institute of Technology, Harvard, and Y. M. C. A. Congress. Same at Worcester.	56.13	Do.
Donovan, J. L.	Superintendent of road construction.	Cass Lake, Minn.; Wallace, Boise, Idaho; Ephraim, Utah; San Diego, Cal.; Bay City, Tex.; Capitán, Albuquerque, Alamogordo, Roswell, N. Mex. (July 24, 1908-June 15, 1909.)	Cooperation with Forest Service, National Forest Road Improvement, at Cass Lake, Wallace, Boise, San Diego, Ephraim, Capitán, Albuquerque, Alamogordo; lectures (2) on road improvement, advice on model county systems, Bay City; special advice on road construction at Alamogordo and Roswell.	1,179.80	Do.
Dowdell, Charles O.	Civil engineer student.	Taylor, Nacogdoches, Tyler, and Troupe, Tex. (July 9, 1908-Jan. 9, 1909.)	Assisting in object-lesson road work, sand clay at Taylor, Nacogdoches, and Troupe. Gravel at Taylor.	216.01	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- penditure.	Appropriation.
Eldridge, M. O.	Chief of records.	Seneca, Md. (July 6-7, 1908).	Special advice on road construction.	\$10.00	Public road inquiries, 1909.
Do.	do.	Memphis, Tenn. (July 26-28, 1908).	Lecture on road building in the Mississippi Valley.	36.90	Do.
Do.	do.	Richmond and Columbia City, Ind.; Dayton, Wartburg, Crossville, Clarkrange, Jamestown, Pydstown, Livingston, Celina, Ganesboro, Cookeville, Lebanon, Carthage, Lafayette, Hartsville, Gallatin, Tenn.; Fort Wayne, Ind.; Knoxville, Tenn.; Wilmington, Clarkton, Lumberton, Whiteville, Fayetteville, Tryon, and Asheville, N. C.; Albion, Ind. (July 16-Sept. 26, 1908.)	One lecture, Richmond, on earth and stone roads. Three lectures, Columbia City, on construction and maintenance of gravel roads. Total of 23 illustrated lectures on road construction in towns of Tennessee tour. Eight lectures on sand-clay roads in North Carolina towns. Lecture on gravel road building, at Albion.	295.75	Do.
Do.	do.	Jonesville, Va.; Charlestown, Ind.; Monclova, Holland, and Toledo, Ohio; Auburn, Ind. (Oct. 1-8, 1908.)	Lecture, road bonds and their benefits, at Jonesville; one on earth and gravel roads, at Auburn. Inspecting and advising on rural-delivery roads, in Ohio towns.	95.36	Do.
Do.	do.	Greensboro, N. C. (Oct. 13-15, 1908.)	Lecture on earth and macadam roads.	24.25	Do.
Do.	do.	Atlanta, Ga.; Dyersburg, Tenn. (Oct. 19-25, 1908.)	Lecture on road construction, convict labor at Atlanta; on earth and gravel roads, at Dyersburg.	81.70	Do.
Do.	do.	Greenville, Miss.; Tallulah and Shreveport, La. (Oct. 31-Nov. 8, 1908.)	Advice and inspection at Greenville and Tallulah. Lecture on road economies, at Shreveport.	117.97	Do.
Do.	Senior assistant in road management.	Columbia, Eastover, and Johnston, S. C.; Athens, Ga.; Moore's Chapel, Bean Station, Dolsont's Camp Ground, Thorn Hill, Washburn, Rutledge, Tenn. (Jan. 28-Feb. 3, 1909.)	Lecture on practical side of road building, at Columbia. Three lectures, Athens, on economics and construction. In all, six lectures in Tennessee towns named, on road improvement and bond issues.	111.99	Do.
Do.	do.	Jonesboro, Limestone, Conklin, Boons Creek Seminary, Johnson City, and Knob Creek, Tenn. (Feb. 14-22, 1909.)	Seven lectures in all, on road economies and road construction.	53.21	Do.
Do.	do.	Seattle, Wash.; Portland, Oreg. (Apr. 11-June 30, 1909.)	In charge of office exhibit at Alaska-Yukon-Pacific Exposition. Two lectures at Portland on road economies, administration, etc.	24.15	Do.

Held, B. F.	Assistant engineer.	Birmingham, Huntsville, Ala.; Atlanta, Ga.; Decatur, Montgomery, Ala.; Memphis, Tenn. (July 1-Nov. 20, 1908.)	Investigations of dust preventives at Birmingham; inspection of roads and special advice; Huntsville; lecture, Clark University, Atlanta, on benefits of improved roads. Lecture on road organization at meeting of rural letter carriers, Montgomery. Model county system at Decatur. Traction tests, Memphis.	138. 27	Do.
Do.	do.	San Diego, Hemet, Riverside, Banning, and Palm Spring Indian Reservation, Cal.; Portland, Medford, Klamath Falls, Oreg. (Dec. 7, 1908-June 30, 1909.)	Special county systems at San Diego. Special advice and inspection at Hemet, Banning, and Riverside. Dust preventive investigations, Riverside, Banning, and Palm Spring Indian Reservation. Special advice, survey, etc., Crater Lake Road, through Oregon towns.	447. 61	Do.
Hoyt, Charles H.	Superintendent of road construction.	Washington Grove, Md. (May 6, 1909.)	Special advice and inspection.	. 95	Do.
Do.	do.	Bristol, Tenn.; Warsaw, North Manchester, and Wabash, Ind. (May 16-31, 1909.)	Special advice and inspection, Bristol. Illustrated lecture on improved highways, at Indiana towns.	97. 62	Do.
Do.	do.	Plains, Va. (June 22, 1909.)	Collecting material for office exhibit, Alaska-Yukon-Pacific Exposition.	2. 70	Do.
Do.	do.	Ithaca, N. Y. (June 29-30, 1909.)	Dust preventive investigations.	20. 10	Do.
Hubbard, Prevost.	Assistant in road material and timber testing.	Birmingham, Ala. (July 16-Aug. 5, 1908.)	do.	109. 44	Do.
Do.	do.	Newton, Mass. (Aug. 7-Sept. 20, 1908.)	do.	163. 44	Do.
Do.	Chemist.	Independence and Kansas City, Kans. (Sept. 24-Nov. 11, 1908.)	Dust-preventive investigations in Kansas. Slag-road experiments in Chicago.	228. 69	Do.
Do.	do.	Charlottesville, Va. (Dec. 16, 1908.)	Special advice and inspection.	8. 00	Do.
Do.	do.	New York, N. Y. (Feb. 8-10, 1909.)	Dust-preventive investigations.	28. 75	Do.
Do.	do.	Springfield, Dwight, Naperville, and Chicago, Ill.; Youngstown, Ohio. (June 18-24, 1909.)	do.	41. 10	Do.
Do.	do.	Atlantic City, N. J. (June 29-30, 1909.)	Special advice and inspection at Springfield, Dwight, Naperville, and Chicago. Slag-road experiments at Youngstown.	84. 76	Do.
Jones, Benjamin E.	Civil-engineer student.	Seneca, Md. (July 6-7, 1908.)	Dust-preventive investigations.	20. 00	Do.
Do.	do.	Clinton, Ky.; Loganport, Ind.; Red Wing, Minn.; Dodge City and Bucklin, Kans.; Harrisburg, Nebr. (July 19, 1908-Jan. 12, 1909.)	Special advice and survey of road. Inspection at Clinton. Assisting in object-lesson road construction, macadam at Loganport and Red Wing; sand-clay at Dodge City, Bucklin, and Harrisburg.	2. 35	Do.
Do.	do.	Alexandria and Mansfield, La. (Mar. 27-June 30, 1909.)	Assisting in object-lesson road construction, earth roads.	363. 58	Do.
King, D. Ward.	Road expert.	Waterville, Augusta, Bangor, Portland, Lewiston, and Auburn, Me. (Dec. 14-19, 1908.)	Seven lectures on split-log drag, in Maine towns named.	115. 13	Do.
McCormick, E. B.	Consulting engineer and road expert.	Chicago, Ill.; South Bend, Ind.; Manhattan, Kans. (Aug. 21-31, 1908.)	Assisting in conduction of traction tests.	124. 21	Do.
Do.	do.	South Bend, Ind.; Memphis, Tenn. (Sept. 25-Oct. 10, 1908.)	do.	59. 06	Do.
				119. 11	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Martin, Randolph.....	Junior assistant engineer	Tallulah, La.; Birmingham, Ala.; Memphis, Tenn. (July 1-Oct. 20, 1908.)	Assisting in object-lesson roads, burnt-clay at Tallulah, tar-macadam at Birmingham. Traction tests at Memphis.	\$111.15	Public road inquiries, 1909.
Do.....	do.....	Birmingham, Ala.; Bowling Green, Ky. (Nov. 7, 1908-Jan. 5, 1909.)	Assisting in tar-macadam road work at Birmingham. Special advice and inspection at Bowling Green.	112.36	Do.
Do.....	do.....	Fayetteville, N. C. (May 9-June 30, 1908.)	Assisting in building macadam object-lesson road.	41.90	Do.
Morton, R. M.....	Assistant highway engineer.	Sacramento, Cal. (Sept. 18-19, 1908.)	Lecture on road construction before Sacramento Valley Development Association.	9.50	Do.
Nichols, A. R.....	Superintendent of road construction.	Greenville, Tenn.; Greenville, N. C.; Emporia, Va. (Sept. 30-Nov. 5, 1908.)	Assisting in construction of macadam object-lesson road at Greenville, and gravel and sand-clay at Emporia. Special advice, Greenville.	57.32	Do.
Page, L. W.....	Director.....	Buffalo, N. Y. (July 6-9, 1908).....	Lecture on effect of automobiles on macadam roads.	42.45	Do.
Do.....	do.....	Paris, France (Aug. 6-Nov. 6, 1908).....	Investigation of dust preventives.....	1, 176.74	Do.
Do.....	do.....	Atlanta, Ga. (Dec. 2-5, 1908).....	Lecture before chamber of commerce on public roads.	59.30	Do.
Do.....	do.....	Salt Lake City, Utah; Los Angeles, San Diego, Cal.; Topeka, Kans. (Jan. 10-Feb. 5, 1909.)	Three lectures on road legislation, Salt Lake City. Two lectures to legislature on "Road administration" at Topeka. Dust preventives at Los Angeles. Special advice at San Diego.	327.65	Do.
Do.....	do.....	Richmond, Va. (Feb. 10-12, 1909).....	Lecture before Southeast Virginia Highways Association on dustless roads.	16.25	Do.
Do.....	do.....	Fayetteville, W. Va. (Feb. 19-21, 1909.)	Lecture on road building and legislation.....	27.70	Do.
Do.....	do.....	St. Paul, Minn. (Feb. 23-28, 1909).....	Two lectures before legislature on Minnesota roads.	90.50	Do.
Petree, V. M.....	Chief engineer.....	Boston, Mass.; New York, N. Y. (July 17-29, 1908.)	Dust preventives at Boston. Conference with road men in New York regarding administrative affairs.	63.98	Do.
Do.....	do.....	Chicago, Ill.; South Bend, Ind.; Red Wing, Minn.; Syracuse and Albany, N. Y. (Aug. 17-Sept. 1, 1908.)	Slag experiments, Chicago; traction tests, South Bend; inspecting macadam road, Red Wing; conference with road men, Syracuse and Albany.	168.79	Do.
Do.....	do.....	Emporia, Va. (Sept. 16-18, 1908).....	Inspecting gravel and sand-clay roads at Emporia.	18.20	Do.

Do.	do.	Memphis, Tenn.; Birmingham, Ala.; Atlanta, Ga.; Tryon, N. C. (Oct. 4-18, 1908.)	Traction tests, Memphis. Inspection tar-macadam object-lesson road at Birmingham. Superintendence construction small object-lesson road, Atlanta state fair. Inspection macadam road at Tryon.	132.90	Do.
Do.	do.	Wilmington, Del. (Apr. 7-8, 1909.)	Special advice and inspection.	14.47	Do.
Do.	do.	New York City. (May 18-22, 1909.)	Dust-preventive investigations.	40.05	Do.
Pennybacker, J. E., jr.	Chief of road management.	New York, N. Y.; Hartford, Conn.; Providence, R. I.; Boston, Mass.; Concord, N. H.; Augusta, Me. (July 25-Aug. 5, 1908.)	Collecting data on road administration and economies.	105.76	Do.
Do.	do.	Charleston, W. Va. (Jan. 24-28, 1909.)	Lecture before members of legislature, "General problems of road improvement."	43.15	Do.
Do.	do.	Springfield and Menard, Ill.; Columbia, Mo.; Oskaloosa and Ames, Iowa; St. Paul, Minn.; Madison, Wis. (June 3-15, 1909.)	Collecting data on road administration and economies.	130.92	Do.
Perwien, Richard.	Civil engineer student.	Tallulah and Jackson, La. (July 16, 1908-Jan. 13, 1909.)	Burnt-clay object-lesson road, Tallulah; gravel and earth, Jackson.	104.66	Do.
Do.	do.	Fairbury, Ravenna, and Stuart, Nebr. (Apr. 20-June 30, 1909.)	Sand-clay object-lesson roads.	175.41	Do.
Sherwood, Carl C.	do.	Emporia, Va. (Nov. 11, 1908-Jan. 15, 1909.)	Assisting to build sand-clay object-lesson road.	68.27	Do.
Do.	do.	Terrell, Mineola, Marshall, Hallville, Colorado, and El Paso, Tex. (Apr. 4-June 30, 1909.)	Assisting in building sand-clay object-lesson roads at Terrell, Mineola, and from Marshall to Hallville. Gravel and sand clay at Colorado and asphalt macadam at El Paso.	208.29	Do.
Thomas, Charles R., jr.	Scientific assistant.	Taylor, Tex.; Clinton, Ky.; Logansport, Ind.; Nacogdoches, Tyler, Troupe, and Bay City, Tex. (July 1, 1908-Feb. 28, 1909.)	Object-lesson gravel road at Taylor. Special advice and inspection at Clinton. Macadam object-lesson road at Logansport.	289.96	Do.
Do.	do.	Lakeville, Ind.; Bryan, Ohio. (June 26-30, 1909.)	Sand-clay road in Texas towns named.	19.50	Do.
Toms, Raymond E.	Junior assistant engineer.	Cheraw, Newberry, and Sumter, S. C.; Greenville and Southport, N. C. (July 1-Dec. 20, 1908.)	Special advice and inspection.	165.47	Do.
Do.	do.	Southport, N. C.; Chesterfield, S. C.; Fayetteville, N. C.; Newberry, S. C. (Jan. 1-June 30, 1909.)	Special advice and inspection at Newberry and Greenville. Assisting in construction of object-lesson roads; sand clay at Sumter; gravel, Cheraw; shell, Southport.	105.19	Do.
Voshell, James T.	Assistant highway engineer.	Englewood, Kans.; Hot Springs, Conway, and Brinkley, Ark.; Aberdeen, Miss.; Independence, Kans.; El Paso, Tex.; Fresno and Napa, Cal.; Hazen, Nev.; Watonga, Okla. (July 1, 1908-Apr. 2, 1909.)	Object-lesson roads: Shell at Southport; sand clay at Fayetteville and Newberry. Lecture on good roads at Chesterfield.	720.83	Do.
Do.	do.	Rochester, Minn.; Bismarck and Laramore, N. Dak.; Grand Junction, Colo. (Apr. 20-June 30, 1909.)	Special advice at Hot Springs; also at Conway, Brinkley, Aberdeen, El Paso, Napa, Hazen. Model systems at Fresno. Building object-lesson roads: Sand clay at Englewood; earth-asphalt at Independence; sand clay, earth, and macadam at Watonga.	222.65	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Wilmot, James.....	Civil engineer student.....	Red Wing, Minn.; Logansport, Ind.; Tyler and Paris, Tex. (July 10, 1908-Jan. 21, 1909.)	Assisting building object-lesson roads; Macadam at Red Wing and Logansport; sand clay at Tyler and Paris.	\$209.79	Public road inquiries, 1909.
Do.....	do.....	Winchester, Tenn. (Apr. 27-June 30, 1909.)	Assisting in building macadam object-lesson road.	60.45	Do.
Wormeley, P. L.....	Testing engineer.....	Cumberland Gap, Tenn.; Newbern and Tryon, N. C. (July 19-Sept. 10, 1908.)	Assisting in building macadam object-lesson roads at Cumberland Gap and Tryon. Special advice and inspection at Newbern.	151.64	Do.
Do.....	do.....	Memphis, Tenn. (Sept. 29-Oct. 19, 1908.)	Traction tests.....	144.01	Do.
Do.....	do.....	Baltimore, Md. (May 4, 1909).....	Investigating testing material methods.....	3.75	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1909, etc.—Continued.

RECAPITULATION BY APPROPRIATIONS.

General expenses, Weather Bureau, 1909.....	\$4,661.14
General expenses, Bureau of Animal Industry, 1909.....	24,631.70
General expenses, Bureau of Animal Industry (animal breeding and feeding), 1909.....	2,129.35
Meat inspection, Bureau of Animal Industry, 1909.....	4,508.41
Eradicating cattle ticks, Bureau of Animal Industry, 1909.....	347.98
General expenses, Bureau of Plant Industry, 1909.....	81,433.29
Purchase and distribution of valuable seeds, 1909.....	4,348.93
Purchase and distribution of valuable seeds (foreign seed and plant introduction), 1909.....	10,389.44
Paper tests (Bureau of Plant Industry).....	149.98
Buildings, Department of Agriculture.....	167.94
General expenses, Forest Service, 1909.....	70,851.52
Improvement of the national forests, 1909.....	1,215.93
Naval-stores industry.....	1,382.16
Cooperative work, forest investigations.....	6,301.14
Laboratory, Department of Agriculture, 1909.....	10,314.74
Soil investigations, 1909.....	5,313.92
Entomological investigations, 1909.....	420.34
Preventing spread of moths, Bureau of Entomology, 1908-9.....	1,379.81
Biological investigations, 1909.....	5,989.61
Collecting agricultural statistics, 1909.....	707.33
Library, Department of Agriculture, 1909.....	17.84
Contingent expenses, Department of Agriculture, 1909.....	1,596.55
Agricultural experiment stations, 1909.....	2,600.40
Agricultural experiment stations (farmers' institutes), 1909.....	1,365.12
Agricultural experiment stations (station at island of Guam), 1909.....	387.70
Nutrition investigations, 1909.....	144.88
Irrigation investigations, 1909.....	5,627.63
Public-road inquiries, 1909.....	11,093.14
Total.....	259,477.92

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